SCIENCE BOOKS a quarterly review

INDEX TO VOLUME 5

May 1969-March 1970

Editor

HILARY J. DEASON

No. 1 May 1969 pp. 1-96

No. 2 Sept. 1969 pp. 97-193

No. 3 Dec. 1969 pp. 193-290

No. 4 Mar. 1970 pp. 291-357

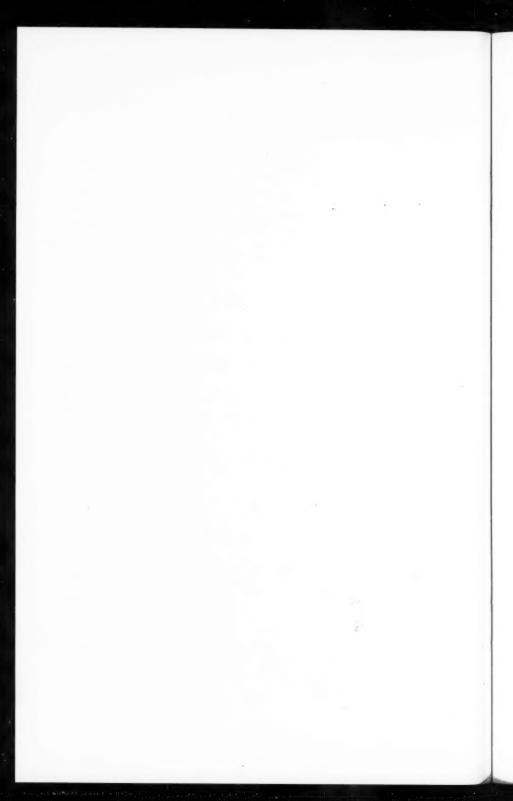
AMERICAN ASSOCIATION FOR THE ADVANCEMENT OF SCIENCE

1515 Massachusetts Ave., N.W., Washington, D.C. 20005

Printed in Washington, D.C., by The McCall Printing Company

Copyright © 1970 by

American Association for the Advancement of Science



INDEX TO VOLUME 5

A, B, C's of space. Asimov, I., 274 About paper. Dean, A., 82 Above and beyond. Blashfield, J. F., 106 Acoustical foundations of music. Backus, J., 126 Acoustics. Rettinger, M., 270 Adamson, J. Spotted sphinx, 332 Adelbert the penguin. Hutchins, R. E., 159 Adkins, J. B., 304 Adler, A. Science of living, 196 Adrian, M. American prairie chicken, 57 Adult psychology. Bischof, L. J., 293 Adventurer's guide to number theory. Friedberg, R., 14 Adventures with a paper cup. Milgrom, Adwill, J. Helicopters in action, 342 Affluence in jeopardy. Park, C. F., Jr., 8 African apes. Beebe, B. F., 255 African lions and cats. Beebe, B. F., 160 After the dinosaurs. Greene, C., 40 Age of giant mammals. Cohen, D., 243 Agnew, N. M. and S. W. Pyke. Science game, 196 Air Atlantic. Wykes, A., 72

Air in fact and fancy. Slote, A., 38 Albert Einstein and the theory of relativity. Kondo, H., 125 Aldine university atlas. Ginsburg, N., et

al., 183

Alexander, R. M. Animal mechanics, 141 Alexenberg, M. L. Light and sight, 127 Algae, man, and the environment. Jackson, D. F., 50 Algebra one. Payne, J. N., et al., 19

Algebra two: with trigonometry. Payne, J. N., et al., 221

All about allergy. Harris, M. C., and N. Shure, 269

All kinds of babies. Selsam, M. E., 51 Alligator hole. May, J., 331 Allison, D. R & D game, 260

Along sandy trails. Clark, A. N., 245

Alter, D., et al. Pictorial astronomy, 307 Amadon, D., 254

American building. Condit, C. W., 272 American combat planes. Wagner, R., 72 American prairie chicken. Adrian, M., 57 American seasons. Teale, E. W., 145 American's endangered wildlife. Laycock,

G., 180 America's first civilization. Coe, M. D.,

America's horses and ponies. Brady, I., 347

Analytic geometry and the calculus. Goodman, A. W., 117

Anatomical preparations. Hildebrand, M., 153

Ancient environments. LaPorte, L. F.,

Anderson, H. T. Biology of marine mammals, 334

Anderson, P. Infinite voyage, 73

Anderson, R. D., et al. School mathe-

matics geometry, 20 Andrews, R. C. Nature's ways, 143 Angrist, S. W. How our world came to be, 309

Animal and plant diversity. Buffaloe, N. D., 43 Animal atlas of the world. Jordan, E. L.,

257

Animal life of Europe. Graf, J., 151, 153 Animal mechanics. Alexander, R. M., 141 Animal paradise. Johnson, J. R., 251 Animal world in color. Burton, M., 325

Animals at bay. Stoutenburg, A., 78 Annotated bibliography of pathology in invertebrates other than insects. John-

son, P. T., 45 Answers about dinosaurs and prehistoric mammals. Smithline, F., 40

Answers about rocks and minerals. Smithline, F., 34

Antibodies and immunity. Nossal, G. J. V., 168

Apollo and the universe. Butler, S. T. and H. Messel, 74

Applied mathematics for engineering and science. Shere, W., and G. Love, 17 Applied mineralology for engineers, technologists, and students. Kirsch, H., 34 Apollo: lunar landing. Haggerty, J., 345 Apollo on the moon. Cooper, H. S. F.,

Jr., 344 Approach to physical science. PSNS Project Staff, 108

Archaeology A-Z. Palmer, G., and N. Lloyd, 88

Archaeology of ancient China. Chang, Kwang-Chih, 85

Arid zones. Walton, K., 352

Arithmetic: a first course in mathematics. Willerding, M. F., 113 Arnold, R. R., et al.

Modern data processing, 111

Arnov, B., Jr. Homes beneath the sea, 135 Aromatic character and aromaticity.

Badger, G. M., 33 Art of computer programming. Knuth,

D. E., 112 Arthur, D. R. Man and his environment,

Asimov, I. A, B, C's of space, 274; Galaxies, 22; Opus 100, 218; Photosynthesis, 149; Stars, 22; Twentieth century discovery, 209

Ask me a question about the atom. Rosenfeld, S., 314

Associated Press, Writers and Editors of the. Footprints on the moon, 274 Astronomers royal. Ronan, C. A., 121 Astronomy. Ogden, H. S., and M. V. DeVault, 120 Astronomy and the origin of the earth. Mehlin, T. G., 23 Atkinson, B. W. Weather business, 241 Atlantic. Masselman, G., 282 Atom at work. Colby, C. B., 69 Attachment of the young. Smith, F. V.,

Attractive universe. Valens, E. G., 126 Atwater, M. M. Forest rangers, 347 Auguste Piccard. Field, A., 300 Aulick, J. L., and W. Cross. Careers in the age of automation, 203 Austin, C. Science of wine, 181 Automobile—U.S.A. Lent, H. B., 73

Aversion therapy and behavior disorders. Rechman, S., et al., 295

B. F. Skinner. Evans, R. L. 98 Babun, E. Varieties of Man, 139
Backus, J. Acoustical Foundations of Music, 126

Bacon, M., and M. B. Jones. Teen-age drinking, 5
Badger, G. M. Aromatic character and

aromaticity, 33 Bagwell, E., 165

Bailey, P. C. Introduction to modern biology, 323 Baker, J. J. W. Vital process, 251

Baker, L. N. Wild peninsula, 7 Bamberger, R. Physics through experi-

ment, 311 Bankers, bones and beetles. G. Hellman,

Barbour, J. A. In the wake of the whale, Barbour, R. Glassblowing for laboratory

technicians, 81 Barbour, R. W. and W. H. Davis. Bats

of America, 334 Barker, R. G. Ecological psychology, 2

Barlow, S. Oceans, 135

Barnett, I. Elements of number theory, 110

Barnett, L., 42 Barney, C. W., 179

Barr, D. R. Finite statistics, 306

Barr, G. Young scientist and the doctor,

Barrett. R. L., 130

Barry, E. M., 141

Barry, J. M., and E. M. Barry. Introduction to the structure of biological molecules, 141

Bartz, W. H. Readings in general psychology, 2

Bashaw, W. L. Mathematics for statistics. 223

Basic concepts of elementary mathematics. Schaff, W. L., 304
Basic electricity. Marcus, A., 230

Basic nuclear engineering. Foster, A. R.,

and R. L. Wright, Jr., 173 Pasic physiology and anatomy. E. E., and E. Greisheimer, 337

Basic psychology. Munn, N. L., et al, 198 Basic technical mathematics. Crooks, T.

C., and H. L. Hancock, 218

Bats. May, C. P., 258 Bats of America. Barbour, R. W., and W. H. Davis, 334

Battan, L. J. Harvesting the clouds, 241 Battelle Rencontres: 1967. DeWitt, C. M., and J. A. Wheeler, 15

Batten, M. Discovery by chance, 13 Bauer, W. W., 167

Beakley, George C., and H. W. Leach. Careers in engineering and technology,

Bear weather. Chaffin, L. D., 255 Beard, Ruth M. Outline of Piaget's developmental psychology for students and teachers, 103

Beaver on the sawtooth. Freschet, B., 256 Beck, A., et al. Excursions into mathematics, 212
Beck, W. S., 140

Bedient, P. E., 21, 118 Beebe, B. F. African apes, 255; African lions and cats, 160

Beach, H. R., and F. Fay. Research and experiment in stuttering, 67

Beef cattle. Neumann, A. L., and R. R. Snapp, 278

Before the Indians. May, J., 185 Beginning algebra. Minnick, J. H., and R. C. Strauss, 220

Beginning knowledge book of ants. Epple, A. O., 330 Beginning knowledge book of fossils.

Epple, A. O., 322

Beginning knowledge book of seashells. Posell, E. Z., 329 Beginning knowledge book of stars and

constellations. Ivans, A., 308 Behme, R. L. Bonsai, saikei and bonkei,

Behrman, S. J., et al. Fertility and family planning, 295

Beiser, G. Story of gravity, 29

Bendick, J. Living things, 13; Space travel, 176; Why can't I?, 152

Berelson, B. Family planning programs,

Berens, J., 271

Berens, S., and J. Berens. Understanding and troubleshooting solid state electronic equipment, 271

Berger, M. For good measure, 104 Berrill, N. J. Person in the womb, 65 Berry, J. Exploring crystals, 132

Bertke, E. M., 144 Bershiri, P. H. Woman Doctor, 261 Beyond the milky way. Page, T., and L. W. Page, 121 Big fleas have little fleas. Hegner, R. W., Big island. May, J., 53
Bigley, D. B. Introduction to organic chemistry, 317 Biographical directory of scientists. Williams, T. I., 106 Biological code. Yvas, M., 246 Biological science: molecules to man. BSCS, 140 Biological Sciences Curriculum Study. Biological science: molecules to man, Biology and man. Simpson, G. G., 107 physical Biology and the Devons, S., 208 sciences. Biology for the modern mind. Bogen, H. J., 42 Biology of higher invertebrates. Russell-Hunter, W. D., 253 Biology of human behavior. Bowen, E. P., 43 Biology of mammals. Van Gelder, R. G., Biology of marine mammals. Anderson, H. T., 334 Biology of the gene. Levine, L., 146 Biology of pseudoscorpions. Weygoldt, P., 330 Bird, E. C. F. Coasts, 134 Bird song. Greenewalt, C. H., 57 Bird vocalizations. Hinde, R. A., 332 Birds of prey. Hogner, D. C., 332 Birds of the Atlantic Ocean. Stokes, T., Birth of Sunset's kittens. Stevens, C., 180 Bischof, L. J. Adult psychology, 293 Bixby, W. Of animals and men, 6 Bjorklund, K. L. Indians of northeastern America, 204 Black athlete. Olsen, J., 102 Black death. Ziegler, P., 168 Black rage. Grier, W. H., and P. M. Cobbs. 3 Blacklock, L., 323 Blackwell, R. J. Discovering in the physical sciences, 207 Blandino, G. Theories on the nature of life, 301 Blanpies, W. A. Physics, 310 Blashfield, J. F. Above and beyond, 106 Blaze, the story of a striped skunk. Mc-Clung, R. M., 257 Bleibtreu, H. K. Evolutionary anthropology, 322
Bleicher, M. N., 212
Blevins, L. L., 215

Bloomfield, L. P. Outer space, 176

Boas, M., 339

Body. Smith, A., 164

Bogen, H. J. Biology for the modern mind, 42 Bohannan, P. Love, sex, and being human, 200 Bold, B. Famous problems of mathematics, 115 Bono, P., and Gatland, K., Frontiers of space, 344 Bonsai, saikei and bonkei, Behme, R. L., 278 Book of reptiles and amphibians. May, C. P., 56 Book of United States navy ships. Van Orden, M. D., 297 Book of Venus for you. Branley, F., 308 Bordes, F. Old Stone Age, 85 Borgatta, E. F., and R. R. Evans. Smoking, health, and behavior, 266 Borgstrom, G. Too many, 276 Botany. Muller, W. H., 148 Bowen, E. P. Biology of human behavior, 43 Bowen, W. R. Experimental cell biology, Bowl of night. Dickinson, F. P., 298 Boyd, L. Cardinals in the pine, 158 Boylan, B. R. New heart, 268 Brady, I. America's horses and ponies, 347 Brady, N. C., 276 Brammer, L. M., and E. L. Shostrom. Therapeutic psychology, 3 Branley, F. M. Book of Venus for you, 308; Mystery of Stonehenge, 283 Braun, A. C. Cancer problem, 340 Breeding laboratory animals. Mosesson, G. R., and S. Scher, 77 Breger, L. Clinical-cognitive psychology, 293 Brehme, R. W., 27 Breslau, M., 216
Breusch, R. Introduction to calculus and analytic geometry, 117 Breusch, R. H., and C. S. Ogilvy. Calculus and analytic geometry, 222; Calculus and analytic geometry with applications, 117 Briggs, P. Science ship, 36 Briston, J. H., and C. C. Gosselin. Introduction to plastics, 82 Brodey, W. M. Changing the family, 202 Brookhaven National Laboratory. Vistas in résearch, Vol. 2, 30 Brown, L., and D. Amadon. Eagles, hawks and falcons of the world, 254 Brown, R. Lasers, 29 Brown, V. How to follow the adventures of insects, 55; Reading the woods, 324 Brown, W. V., and E. M. Bertke. Textbook of cytology, 144 Bruce, J. M. War planes of the first world war. Vol. 2: fighters, 70 Bruce of the Blue Nile. Silverberg, R., 351

Brumfiel, C. F., 16

Bryant, S. J., et al. Intermediate algebra, 19 Buck, M. W. Where they go in winter, 52

Buchman, D. D. Sherlock Holmes of medicine: Dr. Joseph Goldberger, 337 Buckman, H. O., and N. C. Brady. Na-

ture and properties of soils, 276 Budlong, W. T. Performing plants, 148 Buehr, W. Salt, sugar and spice, 81 Buffaloe, N. D. Animal and plant di-

versity, 43

Building goes up. Kahn, E. J., 84 Bullitt, O. H. Search for Sybaris, 353 Bulman, A. D. Models for experiments

in physics, 28 Burke, W. T. Towards a better use of the oceans, 320

Burke book of motors. Hopfinger, K. B.,

Burland, C. Men without machines, 205 Burns, G. W. Science of genetics, 145 Burr, A. A., et al. Measurements in applied physics, 171

Burt, O. W. Story of American railroads,

Burton, M. Animal world in color, 325 Burrows, W. Textbook of microbiology, 48

Burton, D. J., 317

Business mathematics. Roueche, N. W., 219

Butler, S. T., and H. Messel. Man in inner and outer space, 274; Apollo and the universe, 74

Byrkit, D. R., 305

Cain, A. H. Young people and drugs,

Calculus and analytic geometry. Breusch, R. H., and C. S. Ogilvy, 222

Calculus and analytic geometry with applications. Breusch, R. H., and C. S. Ogilvy, 117

Calculus with analytic geometry. Pease, E. M. J., and G. P. Wadsworth, 117 Calculus with analytic geometry. Smith,

W. K., 118 Calculus, with analytic geometry: func-tions of one variable. Taylor, A. E.,

and C. J. A. Halberg, Jr., 222 Calder, R. Wonderful world of medicine, 262

Calderbank, V. J. Course in programming in FORTRAN IV, 216

Caligor, L., and R. May. Dreams and symbols, 98

Campbell, A. Let's find out about a ball,

Campbell-Ferguson, H. J., 316 Cancer problem. Braun, A. C., 340

Caplan, R. B. Psychiatry and the community in nineteenth-century America, 294

Captive wild. Crisler, L., 256 Carbon-14 dating of iron. Van der Merwe, N. J., 354

Cardinals in the pine. Boyd, L., 158 Careers in engineering and technology. Beakley, G. C., and H. W. Leach, 170

Careers in horticultural sciences. Dowdell, D., and J. Dowdell, 179

Careers in the age of automation. Aulick, J. L., and W. Cross, 203 Careless atom. Novick, S., 272

Carey, J. T. College drug scene, 167

Carl Linnaeus. Silverstein, A., et al., 301 Carroll, J. M. Third listener, 171 Casarett, A. P. Radiation biology, 44

Catch a whale by the tail. Ricciuti, E. R., 335

Cavanagh, T. D. Modern trigonometry, 221

Caverns of the world. Pond, A. W., 135 Ceder, J. G., and D. L. Outcalt. Short course in calculus, 21

Cell. Swanson, C. P., 145 Century 21. Halacy, D. S., Jr., 210 Chaffee, E. E., and E. Greisheimer. Basic physiology and anatomy, 337

Chaffin, L. D. Bear weather, 255 Challenge of climate. Silverberg, R., 242 Chandler, M. H. Science and the world

around us, 10 Chang, Jen-Hu. Climate and agriculture,

Chang, Kwang-Chih. Archaeology of ancient China, 85; Settlement archaeology, 86

Changing classroom. Grobman, A. B.,

Changing the family. Brodey, W. M., 202 Charles Darwin. Mellersh, H. E. L., 147 Checkerback's journey. Sanger, M. B.,

Chedd, G. Half-way elements, 231 Chem study story. Merrill, R. J., et al., 317

Chemical and biological warfare. Hersh, S. M., 174

Chemical technology. Van Thoor, T. J. W., 79

Chemistry. Miller, G. H., 234

Chemistry. Quagliano, J. V., and L. M. Vallarino, 129

nemistry: A quantitative approach. Smith, R. N., 232 Chemistry:

Chemistry: A modern course. Smoot, R. C., et al., 130

Chemistry for the health sciences. Sackheim, G. I., and R. M. Schultz, 130

Chemistry of Soap. Stone, A. H., and B. M. Siegel, 33

Chemistry of the elements. Nechamkin, H., 32

Chemistry: A study of matter. Garrett, A. B., et al., 31

Chemistry: Structure and changes of matter. Kask, U., 129

Chemotaxonomy Serotaxonomy. and Hawkes, J. G., 42

Cheney, T. A. Land of the hibernating rivers, 84

Child and adolescent psychology. Medinnus, G. R., and R. C. Johnson, 197 Child sense. Homan, W. E., 170

Children's doctor. Smith L., 270

Chinn, W. G., 302 Christensen, C. M., and H. H. Kaufmann. Grain storage, 277 Church, R. J. H. West Africa, 84

Circles and curves. Razzell, A. G., and K. G. O. Watts, 111

Circuits, signals and networks. Cox, C. W., and W. L. Reuter, 68

City critters. Russell, H. R., 153 Clark, A. N. Along sandy trails, 245 Clark, D. L. Fossils, paleontology and evolution, 138

Clark, D. S., 48 Clark, G. World prehistory, 353 Clark, R. W. JBS: the life and work of J. B. S. Haldane, 235

Clean air—sparkling water. Shuttlesworth, D. E., 8

Cleared for takeoff. Coombs, C., 342

Cleweland, J. M., 226

Climate and agriculture. Chang, J. H., 137

Clinical-cognitive psychology. Breger, L.,

Clockwork man. Wright, L., 225 Cloudsley-Thompson, J. L. Zoology of tropical Africa, 153

Clymer, E. Second greatest invention, 184 Coastal pond. Emery, K. O., 245 Coasts. Bird, E. C. F., 134

Cobbs, P. M., 3

Cochrane, W. W. World food problem, 276

Coe, M. D. America's first civilization, 86 Cohen, D. Age of giant mammals, 243; Vaccination and you, 337

Cohen, P. Realm of the submarine, 341 Colby, C. B. Atom at work, 69 Colbert, H. E. Evolution of the verte-

brates, 325 Colby, C. B. Small game, 59 College algebra and trigonometry. pree, D. E., and F. L. Harmon, 19

College chemistry. Spinar, L. H., 32 College drug scene. Carey, J. T., 167 College mathematics for business. Locke, F. M., 219

College mathematics with business applications. Freund, J. E., 219 Colonization of the moon. Halacy, D. S.,

Color and race. Franklin, J. H., 6 Colour films. Thomson, C. L., 280 Colour in your camera. Skoglund, G. C.,

Coming up Black. Schulz, D. A., 102 Communications in the world of the future. Hellman, H., 172 Comparative anatomy of the vertebrate.

Kent, G. C., 331

Comparative vertebrate histology. Platt, D. I., and G. R. Platt, 245

Compleat flea. Lehane, B., 156

Complete art of printing and enlarging. Croy, O. R., 280 Complete nautical astronomer. Cotter,

C. H., 341 Compton, A. C. Radiation injury, 268 Computers. Steinberg, F. J., 217

birth and contraception. Conception, Demarest, R. J., and J. J. Sciarra, M.D., 264

Concepts of ecology. Kormondy, E. J.,

Condensed computer encyclopedia. Jordain, P. B., and M. Breslau, 216 Condit, C. W. American building, 272 Condon, E. U. Final report of the scien-

tific study of unidentified flying objects, 72, 175

Conklin, G. When insects are babies, 156 Contemporary arithmetic. Crooks, T. C., and H. L. Hancock, 16

Cook, K., 86 Cook, P. L., and J. W. Crump. Organic chemistry, 236

Cook, R., and K. Cook. Southern Greece,

Cooley, H. R., and H. E. Wahlert. Introduction to mathematics, 15

Coombs, C. Cleared for takeoff, 342 Coombs, C. C. Spacetrack, 74 Coon, M. S. Oahe dam, master of the Missouri, 69

Cooper, H. S. F., Jr. Apollo on the moon, 344

Coordination chemistry. Quagliano, J. V., and L. M. Vallarino, 231
Correns, C. Q. Introduction to mineral-

ogy, 318 Corsa, L., Jr., 295 Cortwight, E. M. Exploring space with

a camera, 176 Costello, D. Prairie world, 143

Cotter, C. H. Complete nautical astronomer, 341

Cottler, J., and H. Jaffe. Heroes of civilization, 109

Course in programming in FORTRAN IV. Calderbank, V. J., 216 Cowan, E. Oil and water, 37

Cowles encyclopedia of science and technology. Feldman, R. J., 207 Cox, C. W., and W. L. Reuter. Circuits,

signals, and networks, 68

Coxeter, H. S. M. Introduction to Geometry, 306

Craig, R. T. Modern principles of mathematics, 301

Crawford, F. H. Introduction to the science of physics, 26

Creative biology teaching. Harding, D. E., et al., 140 CRC handbook of chemistry and physics.

Weast, R. C., 233 Crescimbeni, J. Treasury of classroom

arithmetic activities, 110

Crile, G. Naturalistic view of man, 196 Crime and juvenile delinquency. Leinwand, G., 103 Crisler, L. Captive wild, 256

Critical dictionary of psychoanalysis. Rycroft, C., 4 Croizier, R. C. Traditional medicine in

modern China, 163

Crooks, T. C., and H. L. Hancock. Basic technical mathematics, 218; Contemporary arithmetic, 16 Cross, W., 203 Crowdis, D. G., and B. W. Wheller. In-

troduction to mathematical ideas, 212

Crowe, D. W., 212 Crowning years. May, S. H., 270

Croy, O. R. Complete art of printing and enlarging, 280 Crump, J. W., 236

Crystals from the sea. Stone, A. H., and

D. Inghamson, 131 Crystals of life. Kraske, R., 39 Culture worlds. Russell, R. J., et al., 351 Curtis, C. W. Linear algebra, 114

Cutright, P. S. Lewis and Clark, 281 Cybernaut. Valens, E. G., 281 Cybernetic serendipity. Reichardt, J., 113 Cybernetics simplified. Porter, A., 112

Dallett, K. Problems of psychology, 98 Dangerous properties of industrial mate-

rials. Sax, N. I., 80 aniel, G. First Daniel, G. civilizations, Origins and growth of archaeology, 87 Darby, G. Jerry finds spiders, 54

Darby, H. C., 183 Darlington, A. Pocket encyclopaedia of plant galls in colour, 49 Darwin's South America. Hopkins, R. S.,

350 Davidson, J., and W. G. Martin. Mind in

a maze, 213 Davis, E. A., and J. J. Pedersen. Essen-

tials of trigonometry, 116

Davis, L. H., 220 Davis, P. J., et al. 3.1416 and all that, 302

Davis, S. Your future in computer programming, 17

Davis, W. H., 334 Day, B., and M. Liley. Secret world of the baby, 64

Dazeley, G. H. Organic chemistry, 131 Dean, A. About paper, 82

Dean, K. J., 171

DeBey, H. J., 130 DeCayeux, A. Three billion years of life, 105

Defense mechanisms from virus to man. Hellman, H., 253

DeFrance, J. J. Electrical fundamentals, 229

Delaware's buried past. Weslager, C. A.,

Demarest, R. J., and J. J. Sciarra, M.D. Conception, birth and contraception, 264

Desalination, Popkin, R., 75

Design for scientific conservation of antiquities. Organ, R. M., 283 Design of design. Glegg, G. L., 171

Determinants of infant behaviour. Foss, B. M., 99

DeVault, M. V., 120

Developmental plant anatomy. Gemmell,

A. R., 329 Devons, S. Biology and the physical sciences, 208 DeVore, I., 9

DeWaard, E. J. Plants and animals in the air, 44; Shape of living things, 45 DeWitt, C. M., and J. A. Wheeler. Battelle Rencontres, 15

Dickinson, F. P. Bowl of night, 298 Dickinson, R. E. Makers of modern geography, 350

Diebold, J. Man and the computer, 216 Diehl, H. S. Tobacco and your health, 167

Dietz, D. Stars and the universe, 119 Digging up Adam. Mulvey, M. W., 139 Dinesman, H. P. Superior mathematical puzzles, 16

Dirt book. Evans, E. K., 237

Disclosing man to himself. Jourard, S. Discovering what earthworms do. Simon,

S., 155 Discovering what frogs do. Simon, S.,

331 Discovery by chance. Batten, M., 13 Discovery in the physical sciences,

Blackwell, R. J., 207 Discovery, invention, research. Zwicky, F., 107

Dobzhansky, T., 41

Doctor's quick, inches-off diet. Stillman,

I. M., 265 Dodge, C. W. Number and mathematics, 302; Sets, logic and numbers, 119 Dolphin. Stenuit, R., 163

Dorf, R. C. Matrix algebra, 304

Double helix. Watson, J. D., 47 Dowdell, D., and J. Dowdell. Careers in horticultural sciences, 179

Dowdell, J., 179 Down the Colorado. Powell, J. W., 282 Downtown. Liston, R. A., 83

Drabkin, I. E., 28

Drake, E. T. Evolution and environment, 146

Drake, S., and I. E. Drabkin. Mechanics in sixteenth-century Italy, 28 Dreams and symbols. Caligor, L., and

R. May, 98 Drooyan, I., et al. Elementary algebra,

Dröscher, V. B. Magic of the senses, 200 Drug beat. Geller, A., and M. Boas, 339 Drugs. Houser, N. W., 267

Drugs from A to Z. Lingeman, R. R., 339 Drugs on the college campus. Nowlis, H. H., 168

Druids. Piggott, S., 283

Dumont, R., and B. Rosier. Hungry future, 204

Dupree, D. E., and F. L. Harmon. College algebra and trigonometry, 19 Durling, Allen E. Introduction to electrical engineering, 172

Durst, L. K. Grammar of mathematics, 213

Eagles, hawks and falcons of the world. Brown, L., and D. Amadon, 254 Earle, O. L. Praying Mantis, 55

Earth in action. Hyde, M., 319 Earth, moon, and planets. Whipple, F.

L., 24 Easley, J. A., Jr., and M. M. Tatsouka.

Scientific thought, 27

Easterbrook, D. J. Principles of Geo-morphology, 239 Easy book of multiplication. Whitney,

D. C., 218 Eberle, I. Night rovers, 333

Eckhart, L. Four-dimensional space, 20 Ecological psychology. Barker, R. G., 2 Ecology. Nickelsburg, J., 143 Edlin, H. L. Plants and Man, 346

Edmond Halley: Genius in Eclipse. Ro-

nan, C. A., 210 Edson, L. Worlds around the sun, 120 Edwards, A. L. Experimental Design in

psychological research, 3 Egstrom, G., 338

Eicher, D. L. Geologic time, 133 Eicholz, R. E., 16

Eimerl, S. Gulls, 332

Eisley, L. Unexpected universe, 298 Electrical fundamentals. DeFrance, J. J.,

Electricity and matter. Feather, N., 127 Electronics for technicians. Marcus, A.,

Elementary algebra. Hoffer, A. R., and G. L. Musser, 219

Elementary algebra: structure and skills. Drooyan, I., et al., 114

Elementary college arithmetic. Ledbetter, D. A., 303

Elementary differential equations. Rainville, E. D., and P. E. Bedient, 21

Elementary functions. Maddox, T. K., and L. H. Davis, 220

Elementary linear algebra. Shields, P. C.,

Elementary mathematics. Paige, D. D., et al., 215

Elementary organic chemistry, Van Orden, H. O., and G. L. Lee, 132

Elementary quantitative chemistry. Gilreath, E. S., 316 Elementary school science activities. Nel-

son, P. A., 9

Elementary statistics. Hadley, G., 307 Elements and structures of the physical sciences. Ripley, J. A., et al., 312

Elements of algebra. Mueller, F. J., 305 Elements of cartography. Robinson, A., and R. D. Sale, 225

Elements of number theory. Barnett, I. A., 110

Elements of number theory. Pettofrezzo, A. J., 305

Elements of physical geology. Holmes, D. L., 238 Elements of zoology. Storer, T. I., et al.,

Elements series. Water; Fire; Air; Earth. Henry, B., 105

Elgin, K. Female reproductive system, 165

Elisofon, E. Java diary, 351 Elliott, H. C. Shape of intelligence, 247

Ellis, M. Wild goose, 255

Ellison, M. A. Sun and its influence, 22 Elting, M., and Folsom, F. If you lived in the days of the wild mammoth hunters, 353

Embleton, C., and C. A. M. King. Glacial and periglacial geomorphology, 34 Embree, H. D., 130

Emergency medical guide. Henderson, J.,

Emery, K. O. Coastal pond, 245 Emperor penguins. Mizumara, K., 58 Encyclopedia of marine resources. Firth,

F. E., 320 Engemann, J. G., 53

Engineering properties of rocks. Farmer, I. W., 39

Engineers and engineering in the Renaissance. Parsons, W. B., 67

Engineers and the social system. Perucci, R., and J. E. Gerstl, 270

Engle, T. L., and L. Snellgrove. Psychology, 5

vironment and cultural Vayda, A. P., 206 behavior. Environment

Enzymes—the agents of life. Locke, D. M., 142

Epple, A. O. Beginning knowledge book of ants, 330; Beginning knowledge book of fossils, 322

Epstein, B., 123

Epstein, S., and B. Epstein. Take this hammer, 123

Ernest Rutherford: architect of the atom. Kelman P., and A. H. Stone, 227 Essentials of algebra. Hart, W. L., 114

Essentials of forestry practice. Stoddard, C. H., 75

Essentials of general, organic, and biochemistry. Routh, J. I., et al., 317

Essentials of trigonometry. Davis, E. A., and J. J. Pedersen, 116

Ethnography of Franz Boas. Rohner,

R. P., 298

Ethology of mammals. Ewer, R. F., 256 Ets, M. H. The story of a baby, 165 Eulenberg, M. D., and T. S. Sunko. Inquiry into college mathematics, 213

Evans, D. S., et al. Herschel at the Cape,

Evans, E. K. Dirt book, 237

Evans, R. R., 266

Evans, R. I., B. F. Skinner, 98

Evans, W. O., and N. S. Kline. Psychopharmacology of the normal human, 339

Evolution and environment. Drake, E. T., 146

Evolution in changing environments. Levins, R., 47

Evolution of the vertebrates. Colbert, H. E., 325

Evolutionary anthropology. Bleibtreau, H. K., 322

Ewer, R. F. Ethology of mammals, 256 Excursions into mathematics. Beck, A., et al., 212

Experience, affect and behavior. Robinson, D. B., 199

Experimental cell biology. Bowen, W. R., 245

Experimental design in psychological research. Edwards, A. L., 3 Experimental psychology. McGuigan, F.

J., 4 Experiments in physical organic chem-

istry. Isaacs, N. S., 131 Experiments with electric currents. Sootin,

H., 30 Experiments with static electricity. Sootin,

Experiments with solar energy. Halacy,

D. S., Jr., 340 Exploring and understanding our solar system. Posin, D. Q., 23

Exploring crystals. Berry, J., 132

Exploring giant molecules. R. A., 232 Wohlrabe,

Exploring space with a camera. Cortright, E. M., 176

Exploring the reef. Straughn, R. P. L.,

Exploring the weather. Gallant, R. A., 137

Exploring the world of oceanography. Telfer, D., 38

Eyman, D. P., 317

Fact and fancy in American wildlife. Milan, M., and W. Keane, 252

Factors in the transfer of technology. Gruber, W. H., and D. G. Marquis, 335 Fagle, D. L., 140

Falcon-Barker, T. Shark cage under the Red Sea, 240

Families live together. Meeks, E. K., and E. Bagwell, 165 Family planning programs. Berelson, B.,

265

Famous problems of mathematics. Bold, B., 115

Farmer, I. W. Engineering properties of rocks, 39

Famous first flights that changed history. Thomas, L., and L. Thomas, Jr., 71 Fanning, L. Men, money and automobiles, 273

Farming the sea. McKee, A., 240 Feather, N. Electricity and matter, 127 Feathers: plain and fancy. Simon, H.,

159 Feinberg, G. Prometheus project, 11

Feistel, S., 77 Feldman, R. J. Cowles encyclopedia of science and technology, 207

Female reproductive system. Elgin, K., 165

Fenton, S. H. Greece: A book to begin on, 351

Feravolo, R. V. More easy physics projects, 25 Ferkiss, V. C. Technological man, 261

Fernald, L. D., Jr., 198 Fernald, P. S., 198

Fertility and family planning. Behrman, S. J., 295

Field, A. Auguste Piccard, 300 Fighting triplanes. Hadingham, E., 175

Final report of the scientific study of unidentified flying objects. Condon, E. U., 72, 175

Finding out about shapes. Freeman, M., 306

Finaly, W. L. Silver-bearing copper, 80 First book of eagles. Whitehead, R., 58

First book of nurses. Kay, E., 62

First book of swamps and marshes. Smith, F. C., 46

First civilizations. Daniel, G., 184 First look at psychology. Kohn, B., 99 Firth, F. E. Encyclopedia of marine re-

sources, 320 Fisher, J., et al. Wildlife in danger, 180 Fisher, L. E. Potters, 349 Fishes. Woods, L. P., 254

Fishes. Woods, L. P., 234
Fitter, R. Vanishing wild animals of the world, 59

Flanagan, G. L. Window into an egg,

Fleagle, R. G. Weather modification, 136 Fleenor, C. R., 16

Fleming, F., 114 Flint, R. F., 134 Flowers of Europe, a field guide. Polunin, O., 250

Focus on physical science. Heimler, C. H., and J. Price, 123

Fogg, G. E. Photosynthesis, 49 Folsom, F., 354

Food resources conventional and novel. Pirie, N. W., 277

Footprints on the moon. Associated Press, Writers and Editors of the, 274 For good measure. Berger, M., 104

Forest rangers. Atwater, M. M., 347 Forest tree planting in arid zones. Goor,

A. Y., and C. W. Barney, 179
Forest riches of the earth. Harrison, C. W., 179

FORTRAN programming. Stuart, F., 218 Foss, B. M. Determinants of infant be-haviour IV, 99

Fossils. paleontology and evolution. Clark, D. L., 138

Foster, A. R., and R. L. Wright, Jr. Basic nuclear engineering, 173

Foster, R. J. General geology, 133 Foundations of college chemistry. Murphy, D. B., and V. Rousseau, 234

Foundations of modern physics. Tipler, P. A., 124

Four-dimensional space. Eckhart, L., 20 Fox, J. E. Molecular control of plant growth, 50 Fraleigh, J. B. Mainstreams of mathe-

matics, 214

France in the age of the scientific state. Gilpin, R., 14

Franklin, J. H. Color and race, 6

Fransella, F., 67 Frauca, C., 55

Frauca, H., and C. Frauca. Harry Frauca's book of insects, 55 Frazee, S. Where are you?, 123

Frederick Sanger. Silverstein, A., and V. Silverstein, 235

Freedman, R., and J. E. Morriss. How animals learn, 6

Freeman, I. M. Light and radiation, 127;

Sound and ultrasonics, 229
Freeman, I. M., and A. R. Patton. Science of chemistry, 128

Freeman, M., 8; Finding out about shapes, 306 Freeman, O. L., and M. Frome. National

forests of America, 75

Freeman, R., 295 Fremont, H. How to teach mathematics in secondary schools, 110

Freschet, B. Beaver on the sawtooth, 256; Owl and the prairie dog, 252

Freund, J. E. College mathematics with business applications, 219

Friedberg, R. Adventurer's guide to number theory, 14

Friedman, L. J. Psy'-cho-a-nal'-y-sis, 4 From Laurel Hill to Siler's Bog. Terres, J. K., 325

Froman, R. Great reaching out, 7 Frome, M., 75

Frontiers of space. Bono, P., and Gatland, K., 344
Fujii, J. N. Geometry and its methods,

115 Fullar, H., 183

Function of the human body. Guyton, A. C., 63

Fundamental concepts of chemistry. Hamm, D. I., 316 Fundamentals of college mathematics.

Herrick, D., 303 Fundamentals of electricity and magnet-

ism. Kip, A. F., 229
Fundamentals of radiation protection. Henry, H. F., 315

Galaxies. Asimov, I., 22

Gallant, R. A. Exploring the weather, 137

Game of science. McCain, G., and E. M. Segal, 207

Game playing with computers. Spencer, D. D., 18

Gamow, G., and J. M. Cleveland. Physics, 226 Gans, H. J. People and plans, 82

Gans, R. Hummingbirds in the garden, 158

Garard, I. D. Invitation to chemistry, 231 Garelick, M. What makes a bird a bird?, 332

Garon, J. W., 20 Garrett, A. B., et al. Chemistry, 31

Gatland, K., 344

Gauquelin, M. Scientific basis of astrology, 2

Geese are back. Mannheim, G., 159

Geiger, H. J., 62 Gelbaum, B. R., and J. G. March. Mathematics for the social and behavioral

sciences, 119 Geller, A., and M. Boas. Drug beat, 339 Gem hunter's guide. MacFall, R. P., 318 Gemmell, A. R. Developmental plant anatomy, 327

General biology. Taylor, W. T., and R. J. Weber, 43

General chemistry. Nebergall, W. H., et al., 129

General geology. Foster, R. J., 133 and A. R. Orgel, 99 General psychology.

General statistics. Haber, A., and R. P. Runyon, 223 Geography of life. Neill, W. T., 46

Geography of population. Trewartha, G. Geologic time. Eicher, D. L., 133 Geology of New York City and environs. Schuberth, C. J., 134 Geometry. Wilcox, M. S., 115 Geometry and its methods. Fujii, J. N., George, J. C. Moon of the alligators, 157; Moon of the deer, 253; Moon of the gray wolves, 160 Gerguson, H. J. C., 316 Gerstl, J. E., 270 Giant book of things in space. Zaffo, G. J., 275 Giant molecules. Kaufman, M., 82 Giants of space. Tharp, E., 178 Gilpin, R. France in the age of the scientific state, 14 Gilreath, E. S. Elementary quantative chemistry, 316 Ginsburg, N., et al. Aldine university atlas, 183 Ginsburg, H., and S. Opper. Piaget's theory of intellectual development, Glacial and periglacial geomorphology. Embleton, C., and C. A. M. King, 34 Glasby, J. S. Variable stars, 224 Glassblowing for laboratory technicians. Barbour, R., 81
Glatt, E., and M. W. Shelly. Research society, 259
Glegg, G. T. Design of design, 171
Glesser, R. Monogogiest corpore, 269 Glemser, B. Man against cancer, 269 Goetz, D. Rivers, 238 Golden hamster. Hoffman, R. A., et al., Goodman, A. W. Analytic geometry and the calculus, 117 Goor, A. Y., and C. W. Barney. Forest tree planting in arid zones, 179 Gordon, J. E., 66 Gosselin, C. C., 82 Gottlieb, G., 186 Gotto, R. V. Marine animals, 329 Gould, L. Our living past, 146 Gould, R. A. Yiwara, 297 Graf, J. Animal life of Europe, 151, 153 Graham, J. A., 87 Grain storage. Christensen, C. M., and H. H. Kaufman, 277 Grammar of mathematics. Durst, L. K., Grand banks. Keating, B., 85 Graphs. Lowenstein, D., 304 Grasslands of the monsoon. Whyte, R.

O., 76

Gray, R. Great apes, 259

Great apes. Gray, R., 259

Green. Masselink, B., 157

Great reaching out. Froman, R., 7 Greece. Fenton, S. H., 351 Green frontier. McMillen, W., 348 Greene, C. After the dinosaurs, 40 Greenewalt, C. H. Bird song, 57 Gregg, T. G., 247 Greisheimer, E., 337 Gremillion, J. G., 20 Grey, V. Invisible giants, 128 Grier, W. H., and P. M. Cobbs. Black rage, 3 W. C. Recognizing flowering Grimm, wild plants, 49 Grobman, A. B. Changing classroom, Grollman, S. Human body, 263 Groza, V. S. Survey of mathematics, 110 Gruber, W. H., and D. G. Marquis. Factors in the transfer of technology, 335 Guide to field methods of archaeology. Heizer, R. F., and J. A. Graham, 87 Guide to scientific instruments. Scherago, E. J., and B. J. Sheffer, 260 Guillemin, V. Story of quantum me-chanics, 28 Guinea pigs that went to school. Meshover, L., and S. Feistel, 77 Gullion, E. A. Uses of the seas, 37 Gulls. Eimerl, S., 332 Guppies, bubbles, and vibrating objects. McGavac, J., Jr., and D. P. LaSalle, Guyton, A. C. Function of the human body, 63 Haag, V. H., and D. W. Western. Introduction to college mathematics, 16 Haber, A., and R. P. Runyon. General statistics, 223 Habitats and territories. Klopper, P. H., 201 Hadel, W., 114 Fighting triplanes, Hadingham, Evan. 175 Hadley, G. Elementary statistics, 307 Hadley, J. B., 36 Hagen, E., 200 Haggerty, J. Apollo, 345 Halacy, D. S., Jr. Century 21, 210; Colonization of the moon, 177; Exwith solar energy, periments X-rays and gamma rays, 314 Halberg, C. J. A., Jr., 222 Half-way elements. Chedd, G., 231 Hall, T. S. Ideas of life and matter, 244 Halstead, L. B. Pattern of vertebrate evolution, 326 Hamm, D. I. Fundamental concepts of chemistry, 316 Hancock, H. L., 16, 218 Handbook of electronic meters. Lenk, J. D., 230 Handbook of oscilloscopes. Lenk, J. D., Handbook of Soviet space-science re-

search. Wukelic, G. E., 74

Hansen, G. L. Introduction to solid-state television systems, 313

Hanson, A. W., 215 Hardin, G. Population evolution and birth control, 166 Harding, D. E., et al. Creative biology

teaching, 140

Harkins, R. R., 343 Harmon, F. L., 19

Harris, M. C., and N. Shure. All about allergy, 269 Harrison, C. W. Forests, 179

Harry Frauca's book of insects. Frauca, H., and C. Frauca, 55

Hart, S. Life with daktari, 278

Hart, W. L. Essentials of algebra, 114 Harvesting the clouds. Battan, L. J., 241 Harvey, B. G. Introduction to nuclear physics and chemistry, 311

Harvey, E. H., Jr., 177

Harvey, F. Why does it rain?, 321 Haskins, C. P. Search for understanding,

Have a ball. Stone, A. H., and B. M. Siegel, 209

Hawkes, J. G. Chemotaxonomy and serotaxonomy, 42

He freed the minds of men. Hoyt, E. P., 109 Hediger, H. Psychology and behavior of

animals in zoos and circuses, 100 Hegner, R. W. Big fleas have little fleas,

Hegner, R. W., and J. G. Engemann. In-

vertebrate zoology, 53 Heimler, C. H., and J. Price. Focus on

physical science, 123 Heiser, C. B., Jr. Nightshades, 329 Heizer, R. F., and J. A. Graham. Guide to field methods in archaeology, 87 Helicopters in action. Adwill, J., 342

Hellman, Geoffrey. Bankers, bones &

beetles, 246 Hellman, H. Communications in the world of the future, 172; Defense mechanisms from virus to man, 253

Hencken, H. Tarquinia, 87 Henderson, J. Emergency medical guide,

169

Henry, B. Elements series, 105 Henry, H. F. Fundamentals of radiation protection, 315

Henry Walter Bates: Naturalist of the

Amazon. Woodcock, G., 330 Herman Boerhaave: The man and his work. Lindeboom, G. A., 164 Hermit crab lives in a shell. Stephens,

W. M., and Stephens, 155 Heroes of civilization. Cottler, J., and

H. Jaffe, 109 Herrick, D. Fundamentals of college

mathematics, 303 Herron, E. A. Miracle of the air waves, Herschel at the Cape. Evans, D. S., 308 Hersh, S. M. Chemical and biological warfare, 174

Hidden animals. Selsam, M. E., 323

Hidden forest. Olson, S. F., and L. Blacklock, 323

Hide, J. C., Hiebert, R. E., 301

Hiebert, R., et al. Thomas Edison: American inventor, 301

Higginson, J. J., 136

High desert and canyon country. Wohlrabe, R. A., 352 High-energy astrophysics. Weeks, T. C.,

309 Hildebrand, M. Anatomical preparations,

Hildreth, C. H., and B. C. Nalty. 1001 questions answered about aviation history, 70

Hill, H. C., 111

Hinde, R. A. Bird vocalizations, 332 History of the abacus. Pullman, J. M., 217

History of rocketry and space travel. Von Braun, W., and F. I. Ordway, III, 345 History under the sea. McKee, A., Hocking, B. Six-legged science, 55

Hoffer, A. R., and G. L. Musser. Elementary algebra, 219

Hoffman, R. A., et al. Golden hamster,

Hofstein, S., and W. W. Bauer. Human story, 167

Hogben, L. Wonderful world of energy, 228; Wonderful world of communication, 292; Wonderful world of mathematics, 18

Hogner, D. C. Birds of prey, 332 Hoists, cranes, and derricks. Zim, H., and J. R. Skelly, 341

Holder, G., 177 Holder, W. G. Saturn V, 177

Holloway, J. H. Noble-gas chemistry, 130 Holmes, D. L. Elements of physical geology, 238 Holmes, J. K.

Introduction to general chemistry, 233

Holtzclaw, H. F., 129

Holum, J. R. Introduction to organic and biological chemistry, 318; Introduction to principles of chemistry, 233; Principles of physical, organic and biological chemistry, 141

Homan, W. E. Child sense, 170 Homes beneath the sea. Arnov, B., Jr.,

135 Hood, J. F. When monsters roamed the skies, 71

Hoover, H. Place in the woods, 246 Hopfinger, K. B. Burke book of motors,

Hopkins, R. S. Darwin's South America,

Hornblow, A., 56

Hornblow, L., and A. Hornblow. Insects do the strangest things, 56

Horne, R. A. Marine chemistry, 315 Horrocks, J. E. Psychology of adolescence, 100

Houser, N. W. Drugs, 267

How a family grows. Shay, A., 64 How and why of mechanical movements.

Walton, H., 68 How animals learn. Freedman, R., and J. E. Morriss, 6

How did you think of that. Killeffer, D. H., 12

How new life begins. Meeks, E. K., and E. Bagwell, 165

How our world came to be. Angrist, S. W., 309

How to follow the adventures of insects. Brown, V., 55 How to teach mathematics in secondary

schools. Fremont, H., 110 How we are born. May, J., 165

Howard, C. What do you want to know?, 13

Hoyt, E. P. He freed the minds of men, 109; Zeppelins, 175

Hughes, J. K. Programming the IBM, 1130, 216

Human body. Grollman, S., 263 Human mind. J. D. Roslansky, 292 Human movement. Latchaw, M., and G.

Egstrom, 338

Human physiology. Macey, R. I., 64 Human story. Hofstein, S., and W. W. Bauer, M.D., 167

Hummingbirds in the garden. Gans, R., 158

Hungry future. Dumont, R., and B. Rosier, 204 Hunt, J. World full of animals, 51

Hunters of the northern ice. Nelson, R. K., 297

Hunting big game in the city parks. Smith, H. G., 156 Huntington, H. E. Let's go to the woods,

46; Let's look at flowers, 150 Hurd, P. DeH. New directions in teach-

ing secondary school science, 209 Hurlbut, C. S. Minerals and man, 33

Hutchins, R. E. Adelbert the penguin, 159; World of dragonflies and damselflies, 156

Huxley, J. Wonderful world of life, 247 Hyde, M. Earth in action, 319

Hyde, M. O. Mind drugs, 65; Off into space, 275

Ideas of life and matter. Hall, T. S., 244 Identified flying saucers. Loftin, R., 72 If you lived in the days of the wild mam-

moth hunters. Elting, M., and F. Folsom, 353

Illustrated history of transportation. Ridley, A., 342

In the name of mental health. Leifer, R., 269 In the wake of the whale. Barbour, J. A.,

162 In the wake of Torrey Canyon. Petrow,

R., 37

Indians of northeastern America. Bjorklund, K. L., 204

Infinite voyage. Anderson, P., 73 Inghamson, D., 131

Inorganic and physical chemistry. Lowrie, R. S., et al., 316

Inquiring mind. Olney, R. R., 321 Inquiry into college mathematics. berg, M. D., and T. S. Sunko, 213

Inquiry techniques for teaching science. Romey, W. D., 108 Insects do the strangest things. Horn-

blow, L., and A. Hornblow, 56 Inside the orbit of the earth. Ley, W., Insomnia. Luce, G. G., and J. Segal, 268 Instant weather forecasting. Watts, A., 38 Interior ballistics. Lowry, E. D., 174 Intermediate algebra. Bryant, S. J., et al.,

19 Introduction to animal physiology. Larimer, J., 52

Introduction to calculus and analytic geometry. Breusch, R., 117

Introduction to chemistry. Williams, A. L., et al., 130

Introduction to college mathematics. Hagg, V. H., and D. W. Western, 16 Introduction to computer engineering. Walker, B. S., 18

Introduction to electrical engineering. Durling, A. E., 172

Introduction to electronic digital computers. Maisel, H., and D. L. Wright, 217

Introduction to general chemistry. Holmes, J. K., 233

Introduction to geometry. Coxeter, H. S. M., 306

Introduction to human embryology. Thomas, J. B., 264

Introduction to linear algebra. Tropper, A. M., 221

Introduction to marine geology. Keen, M. J., 35 Introduction to mass spectrometry. Ro-

boz, J., 33

Introduction to materials science. Schlenker, B. R., 336

Introduction mathematical to ideas Crowdis, D. G., and B. W. Wheller, 212

Introduction to mathematics. H. R., and H. E. Wahlert, 15 Introduction to mineralogy. Correns, C.

O., 318

Introduction to modern biology. Bailey, P. C., 323

Introduction to nuclear physics and chemistry. Harvey, B. G., 311

Introduction to nuclear theory. McCarthy, L. E., 30

Introduction to organic and biological chemistry. Holum, J. R., 318

Introduction to organic chemistry. Bigley, D. B., et al., 317

Introduction to photography. Wakefield, G. L., 280

Introduction to plant diseases. Wheeler, B. E. J., 328

Introduction to plant physiology. Levitt, J., 149

Introduction to plastics. Briston, J. H., and C. C. Gosselin, 82

Introduction to principles of chemistry. Holum, J. R., 233

Introduction to psychology. Munn, N. L., et al., 198 Introduction to rubber. LeBras, J., 182

Introduction to solid-state television systems. Hansen, G. L., 313

Introduction to the history of general surgery. Meade, R. H., 164 Introduction to the science of physics. Crawford, F. H., 26

Introduction to the structure of biological molecules. Barry, J. M., and E. M.

Barry, 141 Introduction to the theory of relativity. Sears, F. W., and R. W. Brehme, 27 Introduction to topology. Mendelson, B.,

116 Introduction to tree-ring dating. Stokes, M. A., and T. L. Smiley, 50

Introductory physics: a model approach. Karplus, R., 311

Introductory statistics. Wonnacott, T. H., and R. J. Wonnacott, 223 Invention, discovery and creativity.

Moore, A. D., 108 Invention of the meteorological instru-

ments. Middleton, W. E. K., 137 Inventors in industry. Radford, R. L., 336 Invertebrate zoology. Hegner, R. W., and J. G. Engeman, 53

Investigating science with rubber bands. White, L. B., 312

Invisible giants. Grey, V., 128 Invitation to chemistry. Garard, I. D.,

Ipsen, D. C. Riddle of the stegosaurus,

Ireland, R. F. Organic synthesis, 236 Irving, P. E. Two-stroke power units, 271 Isaacs, N. S. Experiments in physical organic chemistry, 131

Issues in adolescent psychology. Rogers,

It's made like this: paper, Ullyett, K., 182

It's made like this: plastics. Kay, F. G., 182

Ivans, A. The beginning knowledge book of stars and constellations, 308

Jackson, D. F. Algae, man and the environment, 50

Jackson, R. B. Steam cars of the Stanley twins, 273

Jaffe, H., 109 Java Diary. Elisofon, E., 351

JBS: life and work of J. B. S. Haldane. Clark, R. W., 235 Jellyfishes. Shepherd, E., 155

Jenkins, M. E. Moon jelly swims through the sea, 154

Jerry finds spiders. Darby, G., 54 Jepsen, S. M. Trees and forests, 347 Jessup, R. Wonderful world of archaeology, 88

Johnson, C. R., 132

Johnson, C. What makes a clock tick?, 183

Johnson, E. M. Plant hunters, 327 Johnson, J. H. Urban geography, 83 Johnson, J. R. Animal paradise, 251

Johnson, P. Story of horses, 59 Johnson, P. T. Annotated bibliography of pathology in invertebrates other than insects, 45

Johnson, R. C., 197 Johnson, T. P. When nature runs wild, 35 Johnson, T. River of time, 25

Jones, K. G. Messier's nebulae and star clusters, 224 Jones, M. B., 5

Jones, W. N., Jr. Textbook of general chemistry, 234 Jordain, P. B., and M. Breslau. Con-

densed computer encyclopedia, 216 Jordan, E. L. Animal atlas of the world, 257

Jourard, S. M. Disclosing man to himself. 3

Journey to red birds. Lindblad, J., 159 Judd, N. M. Men met along the trail, 185

Kahn, E. J. Building goes up, 84 Kant, I. Universal natural history and theory of the heavens, 310

Kaplan, D., 10 Karplus, R. Introductory physics, 311

Kask, U. Chemistry, 129 Kauffeld, C. Snakes, 77 Kaufman, J. Wings, sun and stars, 57 Kaufman, M. Giant molecules, 82

Kaufmann, H. H., 277 Kay, E. First book of nurses, 62 Kay, F. G. It's made like this: plastics, 182

Keane, W., 252 Keating, B. Grand Banks, 85

Keen, M. J. Introduction to marine geology, 35

Keen, M. L. Lightning and thunder, 137 Kelman, P., and A. H. Stone. Ernest Rutherford: architect of the atom, 227 Kent, G. C. Comparative anatomy of the . vertebrates, 331

Kenyon, A. E.

mathematics, 303 Kennan, E. A., and E. H. Harvey, Jr. Mission to the moon, 177

Modern elementary

Kienle, H. Modern astronomy, 120

Killeffer, D. H. How did you think of that, 12 King, C. A. M., 34

Kingsbury, J. M. Seaweeds of Cape Cod and the islands, 249

Kip, A. F. Fundamentals of electricity and magnetism, 229

Kirn, A. Let's look at tracks, 325 Kirsch, H. Applied mineralogy for engi-

neers, 34 Kistner, R. W. Pill, 267

Kline, N. S., 339 Klopper, P. H. Habitats and territories, 201

Knewstubb, P. F. Mass spectrometry and ion-molecule reactions, 236

Kniffen, F. B., 351 Knight, D. C. Let's find out about rocks and minerals, 237; Meteors and meteorites, 24

Knuth, D. E. Art of computer programming, 112 Knuti, L. L., et al. Profitable soil man-

agement, 277 Kock, W. E. Lasers and holography, 313 Kohn, B. First look at psychology, 99; Ramps, 125

Kondo, H. Albert Einstein and the theory of relativity, 125

Kormondy, E. J. Concepts of ecology,

Korpi, M., 277 Kovalik, N., 240

Kovalik, V., and N. Kovalik. Undersea world of tomorrow, 240 Kraske, R. Crystals of life, 39; Silent

sentinels, 279

Krasner, L., 100 Kresser, T. O. J. Polyolefin plastics, 279 Krutch, J. W. Most wonderful animals that never were, 152

Kurtén, B. Pleistocene mammals of Europe, 139

Kuslan, L., and A. H. Stone. Liebig, the master chemist, 235 Kyburg, H. E., Jr. Probability theory, 119

Lader, L., and Meltzer, M. Margaret

Sanger, 266 Lamb, L. E. Your heart and how to live

with it, 269 Land, B. Telescope makers, 121

Land of the hibernating rivers. Cheney, T. A., 84

Lands beyond the forest. Sears, P. B., 144 Landsberg, H. E. Weather and Health,

Lankford, F. G., Jr., 19, 221

LaPorte, L. F. Ancient environments, 238 Larimer, J. Introduction to animal physiology, 52

Larsen, E. Lasers work like this, 172 LaSalle, D. P., 107

Lasers and holography. Kock, W. E., 313 Lasers and light. Scientific American, Readings from, 226

Lasers. Brown, R., 29

Lasers work like this. Larsen, E., 172 Latchaw, M., and G. Egstrom. Human movement, 338

Lauber, P. Planets, 224

Lavine, S. A. Wonders of the bat world, 258

Lavcock, G. America's endangered wildlife, 180

Laycock, G. Wild refuge, 181

Lazy lady's easy diet. Petrie, S., 264 Leach, H. W., 170

Le Bras, J. Introduction to rubber, 182 Lectures on the comparative pathology of inflammation. Metchnikoff, E., 66 Ledbetter, D. A. Elementary coll Elementary college

arithmetic, 303

Lee, G. L., 132 Lee, R. B., and I. DeVore. Man the hunter, 9

Lehane, B. Compleat flea, 156

Leifer, R. In the name of mental health, 269

Leinwand, G. Crime and juvenile delinquency, 103 Lenk, J. D.

Handbook of electronic meters, 230; Handbook of oscilloscopes, 68

Lent, H. B. Automobile-U.S.A., 73; What car is that?, 175

Leokum, A. Still more tell me why, 11 Lerner, A. B., 214 Leskowitz, I., 50, 327

Let's find out about a ball. Campbell, A., 208

Let's find out about rocks and minerals. Knight, D. C., 237

Let's find out about tools. Wiesenthal, E., and T. Wiesenthal, 272

Let's go to the woods. Huntington, H. E., 46

Let's look at flowers. Huntington, H. E., 150

Let's look at tracks. Kirn, A., 325

Let's-try-it-out-wet & dry. Simon, S., 312

Levine, J., 347

Levine, L. Biology of the gene, 146

Levine, N. D. Nematode parasites of domestic animals and of man, 54 Levine, S. Your future in NASA, 178

Levins, R. Evolution in changing environments, 47

Levitt, J. Introduction to plant physiology, 149

Lewis and Clark. Cutright, P. S., 281 Ley, W. Inside the orbit of the earth, 22; Meteorite craters, 138; Visitors from afar, 122

Licek, D. Monkey manual, 59

Lichello, R. Pioneer in blood plasma, 63 Liebig, the master chemist. Kuslan, L., and A. H. Stone, 235

Life and death of the salt marsh. Teal, J., and M. Teal, 323 Life. Simpson, G. G., and W. S. Beck,

140

Life of primates. Schultz, A. H., 335 Life on man. Rosebury, T., 248

Life picture book of animals. Mason, R. G., 60

Life with Daktari. Hart, S., 278 Life, Eds. of and L. Barnett. Wonders of

life on earth, 42 Light and radiation. Freeman, I. M., 127 Light and sight. Alexenberg, M. L., 127 Light and sound for engineers. Stanley,

R. C., 29 Light, R. E., 41

Lightning. Uman, M. A., 39

Lightning and thunder. Keen, M. L., 137 Liley, M., 64

Lindberg, G., and M. Lindberg. Our amazing world, 11

Lindberg, M., 11

Lindblad, J. Journey to red birds, 159 Lindeboom, G. A. Herman Boerhaave,

Lindeman, B. Twins who found each other, 197

Lindsay, R. B. Nature of physics, 26 Linear algebra. Curtis, C. W., 114 Lingeman, R. R. Drugs from A to Z, 339

Lippincott, W. T., 31 Liston, R. A. Downtown: our challenging urban problems, 83

Living in space. Sharpe, M. R., 275 Living things. Bendick, J., 13

Living things and their young. May, J., 165

Livingston, M. S. Particle accelerators, 271

Lloyd, N., 88

Locke, D. M. Enzymes, 142

Locke, F. M. College mathematics for business, 219 Loftin, R. Identified flying saucers, 72

Lonely furrow. Nair, K., 276 Longwell, C. R., et al. Physical geology.

134 Look at a colt. Wright, D., 179 Lost wild America. McClung, R. M., 181 Loud and clear: full answer to aviation's vital question. Serling, R. J., 71

Love, G., 17

Love, sex, and being human. Bohannan, P., 200

Lovell, B., et al. New space encyclopedia, 345

Lovell, B. Story of Jodrell Bank, 24 Lowenstein, D. Graphs, 304

Lowrie, R. S., and H. J. Campbell-Ferguson. Inorganic and physical chemistry, 316

Lowry, E. D. Interior ballistics, 174 Luce, G. G., and J. Segal. Insomnia, 268 Luce, M. Math concept series, 214 Luce, M., and A. B. Lerner. Math concept series. Infinity, 214

Lukacs, C., and E. Tarján. Mathematical

games, 111

Lutzker, E. Women gain a place in medicine, 262

Lyden, F. J., et al. Training of good

physicians, 62

Lynch, R. V., 304

McCain, G., and E. M. Segal. Game of science, 207

McCarthy, I. E. Introduction to nuclear theory, 30 McClung, R. M. Lost wild America, 181;

Blaze: story of a striped skunk, 257 McCoy, J. J. Nature sleuths, 296

McCully, M. E., 149
MacFall, R. P. Gem hunter's guide, 318
McGavac, J., Jr., and D. P. LaSalle.
Guppies, bubbles, and vibrating objects, 107

McGuigan, F. J. Experimental psychology, 4

McKee, A. Farming the sea, 240; History under the sea, 354

McKinley, D., 101 McMillen, W. Green frontier, 348 Macey, R. I. Human physiology, 64

Machine tools. Zim, H. S., and J. R. Skelly, 69 Maddox, T. K., and L. H. Davis. Ele-

mentary functions, 220 Magalhaes, H., 76

Magic of the senses. Dröscher, V. B., 200 Mainstreams of mathematics. Fraleigh,

J. B., 214 Maisel, H., and D. L. Wright. Introduction to electronic digital computers, 217 Makers of modern geography. Dickinson, R. E., 350

Maleh, I. Mechanics, heat and sound, 227 Malnutrition, learning, and behavior. Scrimshaw, N. S., and J. E. Gordon, 66 Man against cancer. Glemser, B., 269

Man and his environment. Arthur, D. R.,

Man and monkey. Williams, L., 163 Man and the computer. Diebold, J., 216 Man and woman. May, J., 165

Man explores the sea. Weiss, M. E., 321

Man: his first two million years. Montagu, A., 205

Man in inner and outer space. Butler, S. T., and H. Messel, 274 Man, nature and history. Russell, W. M.

S., 354

Man the hunter. Lee, R. B., and I. De Vore, 9

Man: the next 30 years. Still, H., 62 Manipulation of air-sensitive compounds. Shriver, D. F., 232

Manners, R. A., and D. Kaplan. Theory in anthropology, 10

Mannheim, G. Geese are back, 159 Mannix, D. Troubled waters, 346 Manual of style. Univ. of Chicago, 79 Marantz, S. A. Physics, 124

March, J. G., 119

Marcus, A. Basic electricity, 230; Electronics for technicians, 173 Margalef, R. Perspectives in ecological theory, 45

Margaret Sanger. Lader, L., and M.

Meltzer, 266 Marijuana. Oursler, W., 66

Marine animal collectors. Waters, J. F., 329

Marine animals. Gotto, R. V., 329 Marine chemistry. Horne, R. A., 315 Marks, R. New dictionary and handbook

of space, 275 Maroon, J. C. What you can do about cancer, 266

Marquis, D. G., 335 Martin, P. S., and H. E. Wright, Jr. Pleistocene extinctions, 40

Martin, W. G., 213, 294 Matthews, W. H., III. Story of volcanoes

and earthquakes, 319 Mason, R. G. Life picture book of animals, 60

Mass spectrometry and ion-molecule reactions. Knewstubb, P. F., 236

Mass spectrometry in science and technology. White, F. A., 31
Masselink, G. Green: the story of a Caribbean turtle's struggle for survival, 157

Masselman, G. Atlantic: sea of darkness,

Massey, N. B. Patterns for the teaching of science, 209

Math concept series. Luce, M., 214 (See author entry for titles)

Math concept series. Infinity. Luce, M., and A. B. Lerner, 214

Math concept series. Patterns. Shimke, W., 214 Mathematical games. Lukacs, C., and

E. Tarján, 111

Mathematical sciences. National Research Council, 211

Mathematics. Podraza, C. N. A., et al., 215

Mathematics for statistics. Bashaw, W. L., 223

Mathematics for the social and behavioral sciences. Gelbaum, B. R., and J. G. March, 119

Mathematics in the modern world. Scientific American, Readings from, 15 Mathematics: the man-made universe.

Stein, S. K., 215

Matrix algebra. Dorf, D. C., 304 Matrix of man. Moholy-Nagy, S., 279

Matthews, L. H. Whale, 60 Mawson, C. A. Story of radioactivity,

analysis, 237 Maxwell, J.

May, C. P. Bats, 258; Book of reptiles

and amphibians, 56 May, J. Alligator hole, 331; Before the Indians, 185; Big island, 53; How we are born, 165; Living things and their young, 165; Man and woman, 165; Why the earth quakes, 239

May, R., 98 May, S. H. Crowning years, 270

Mayr, E. Principles of systematic zoology, 151 Mead, M., et al. Science and the concept

of race, 41 Meade, R. H. Introduction to the history

of general surgery, 164

Measurement and evaluation of psychology and education. Thorndike, R. L., and E. Hagen, 200 Measurements in applied physics. Burr,

A. A., et al., 171 Mechanics. Smith, R. C., and P. Smith,

228 Mechanics, heat, and sound. Maleh, I.,

Mechanics in sixteenth-century Italy. Drake, S., and I. E. Drabkin, 28

Mechanics of inheritance. Stahl, F. W.,

Medinnus, G. R., and R. C. Johnson. Child and adolescent psychology, 197 Medvedev, Z. A. Rise and fall of T. D. Lysenko, 326

Meeks, E. K., and E. Bagwell. Families live together, 165; How new life begins, 165; World of living things, 165

Mehlin, T. G. Astronomy and the origin of the earth, 23 Mellersh, H. E. L. Charles Darwin, 147

Meltzer, M., 266 Men against the sea. Olney, R. R., 135

Men met along the trail. Judd, N. M., 185 Men, money and automobiles. Fanning, L., 273

Men who pioneered inventions. Poole, L., and G. Poole, 260

Men without machines. Burland, C., 205 Mendelson, B. Introduction to topology, 116

Menninger, K. Number words and number symbols, 302

Merrill, R. J. Chem study story, 317 Meshover, L., and S. Feistel. Guinea pigs that went to school, 77

Messel, H., 74, 274

Messel, H., and S. T. Butler. Nuclear energy today and tomorrow, 230 Messier's nebulae and star clusters. Jones,

K. G., 224

Metchnikoff, E. Lectures on the comparative pathology of inflammation, 66 Meteorite craters. Ley, W., 138

Meteors and meteorites. Knight, D. C., 24 Methods in subnuclear physics. Nikolić, M., 31

Mettler, L. E., and T. G. Gregg. Population genetics and evolution, 247 Michelmore, P. Swift years, 313

Microbes are something else. Stone, A. H., and I. Leskowitz, 327 Microbiology and pathology. Smith, A.

L., 48 Microorganisms in foods. Thatcher, F.

S., and D. S. Clark, 48 Microscope. Needham, G. H., 249 Middleton, W. E. K. Invention of the

meteorological instruments, 137

Miklowitz, G. D., 150
Milan, M., and W. Keane. Fact and fancy in American wildlife, 252

Milgrom, H. Adventures with a paper cup, 29

Miller, G. H. Chemistry, 234 Milne, L., and M. Milne. Nature of animals, 151 Milne, M., 151

Milotte, A., and E. Milotte. Story of an Alaskan grizzly bear, 160 Milotte, E., 160

Mind drugs. Hyde, M. O., 65

Mind in a maze. Davidson, J., and W. G. Martin, 213

Minerals and man. Hurlbut, C. S., 33 Minnick, J. H., and R. C. Strauss. Beginning algebra, 220

Minton, M. R., 254 Minton, S. A.,

and M. R. Minton. Venomous reptiles, 254 Miracle of the air waves. Herron, E. A.,

172

Mission to the moon. Kennan, E. A., and E. H. Harvey, Jr., 177

Mizumara, K. Emperor penguins, 58 Model satellites and spacecraft. Ross, F., Jr., 178

Models for experiments in physics. Bulman, A. D., 28

Modern advanced mathematics. Weeks, A. W., 304

Modern astronomy. Kienle, H., 120 Modern calculus and analytic geometry. Silverman, R. A., 118

Modern data processing. Arnold, R. R., et al., 111

Modern elementary mathematics. Kenyon, A. E., 303

Modern principles of mathematics. Craig, R. T., 301

Modern trigonometry. Cavanagh, T. D., 221

Moholy-Nagy, S. Matrix of man, 279 Molecular basis of life. Scientific American, Readings from, 44

Molecular biology. Smith, C. U. M., 244 Molecular control of plant growth. Fox, J. E., 50

Mongols. Phillips, E. D., 104

Montagu, A. Man: his first two million years, 205 Montgomery, R., and C. A. Swenson.

Quantitative problems in the biochemical sciences, 142

Monkey manual. Licek, D., 59 Moon jelly swims through the sea. Jen-

kins, M. E., 154 Moon of the alligators. George, J. C., 157 Moon of the deer. George, J. C., 253

Moon of the gray wolves. George, J. C., 160 Moore, A. D. Invention, discovery, and

creativity, 108 Moore, P. Space, 178

More easy physics projects. Feravolo, R. V., 25

More how do they make it. Sullivan, G., 348

Morriss, J. E., 6

Mosesson, G. R., and S. Scher. Breeding laboratory animals, 77

Moskowitz, M. J., and A. R. Orgel. General psychology, 99 Mosquitos. Ripper, C. L., 56

Most wonderful animals that never were. Krutch, J. W., 152

Motors and engines and how they work. Weiss, H., 68

Mowbray, A. Q. Road to ruin, 174 Mueller, F. J. Elements of algebra, 305 Muller, W. H. Botany, 148

Mulvey, M. W. Digging up Adam, 139 Munn, N. L., et al. Basic psychology, 198; Introduction to psychology, 198 Murphy, D. B., and V. Rousseau. Foun-

dations of college chemistry, 234 Murphy, G., and L. B. Murphy. Western psychology from the Greeks to William

James, 198 Murphy, L. B., 198 Murphy, R. Wild sanctuaries, 78

Musser, G. L., 219

Musson, A. E., and E. Robinson. Science and technology in the industrial revolution, 348

My beaver colony. Wilsson, L., 61 My goldfish. Wong, H., and M. F. Vessel. 157

My ladybug. Wong, H., and M. F. Vessel. 157

Mystery of Stonehenge. Branley, F. M., 283

Nader, C., and A. B. Zahlan. Science and technology in developing countries,

Nair, K. Lonely furrow, 276

Nalty, B. C., 70 Napier, J. Origins of man, 248

National forests of America. Freeman, O. L., and M. Frome, 75

National Research Council. Mathematical sciences, 211

Natural partnerships. Shuttlesworth, D., 144

Naturalistic view of man. Crile, G., 196 Nature and properties of soils. Buckman, H. O., and N. C. Brady, 276

Nature of animals. Milne, L., and M. Milne, 151

Nature of physics. Lindsay, R. B., 26 Nature of science and science teaching.

Robinson, J. T., 9 Nature sleuths. McCoy, J. J., 296 Nature's ways. Andrews, R. C., 14 Navarra, J. G. Our noisy world, 338 Nebergall, W. H., et al. General chem-

istry, 129

Nechamkin, H. Chemistry of the elements, 32 Needham, G. H. Microscope, 249 Neill, W. T. Geography of life, 46

Nelson, P. A. Elementary school science

activities, 9 Nelson, R. K. Hunters of the northern ice. 297

Nematode parasites of domestic animals and of man. Levine, N. D., 54 Neumann, A. L., and R. R. Snapp. Beef

cattle, 278 Nevill, G. E., Jr. Programmed principles of statics, 229

New dictionary and handbook of space. Marks, R., 275

New directions in teaching secondary school science. Hurd, P. D., 209

New golden treasury of natural history. Parker, B. M., 47

New heart. Boylan, B. R., 268 New parts for people. Rosenberg, N.,

and Snyderman, R. K., 169 New space encyclopedia. Lovell, B., et al., 345

New world of communications. Sullivan, G., 173

New world of construction engineering. Sullivan, G., 70

Nichols, A. V., 111

Nickelsburg, J. Ecology, 143 Night rovers. Eberle, I., 333

Nightshades. Heiser, C. B., Jr., 329

Methods in subnuclear Nikolić, M. physics, 31

1970 Britannica yearbook of science and Young, R. G., 1969 ed., the future. 105; ed., 300

Noble-gas chemistry. Holloway, J. H., 130

Northern, H. Social work with groups, 202

Nossal, G. J. V. Antibodies and immunity, 168 Novick, S. Careless atom, 272 Nower, L., 19

Nowlis, H. H. Drugs on the college campus, 168

Nuclear energy today and tomorrow. Messel, H., and S. T. Butler, 230 Number and mathematics. Dodge, C. W., 302

Number systems, structure and properties. Pettofrezzo, A., et al., 305 Number words and number symbols.

Menninger, K., 302 Nybakken, J. W., 51

Oahe Dam. Coon, M. S., O'Brien, T. P., and M. E. McCully. Plant structure and development, 149

Oceans. Barlow, S., 135 Of animals and men. Bixby, W., 6 Off into space! Hyde, M. O., 275

Offer, D. Psychological world of the teenager, 198

Office hours: day and night. Travell, J., 63

Ogden, H. S., and M. V. DeVault. Astronomy, 120 Ogilvy, C. S., 117, 222

Oil and water: Torrey Canyon disaster. Cowan, E., 37

Old stone age. Bordes, F., 85 Oliver, G. Practical anthropology, 243 Olney, R. R. Inquiring mind: oceanography, 321; Men against the sea, 135

Olsen, J. Black athlete, 102 Olson, S. F., and L. Blacklock. Hidden forest, 323

1001 questions answered about aviation history. Hildreth, C. H., and B. C. Nalty, 70

1001 questions answered about natural land disasters. Tufty, B., 36

Only earth we have. Pringle, L., 203 Oppenheimer. Rabi, I. I., et al., 227

Opper, S., 197 Opus 100. Asimov, I., 298

Ordinary differential equations and stability theory. Sanchez, D. A., 21

Ordway, F. I., III, 345 Organ, R. M. Design for scientific conservation of antiquities, 283

Organic chemistry. Dazeley, G. H., 131 Organic chemistry. Cook, P. L., and J. W. Crump, 236

Organic structure determination. Pasto, D. J., and C. R. Johnson, 132 Organic synthesis. Ireland, R. F., 236 Orgel, A. R., 99 Origins and growth of archaeology. Daniel, G., 87 Origins of man. Napier, J., 248 Osofsky, H. J. Pregnant teenager, 202 Osserman, R. Two-dimensional calculus, Our amazing world. Lindberg, G., and M. Lindberg, 11 Our living past. Gould, L., 146 Our noisy world. Navarra, J. G., 338 Our terrariums. Wong, H. H., and M. F. Vessel, 144 Our tree. Wong, H. H., and M. F. Vessel, 144 Oursler, W. Marijuana, 66 Outcalt, D. L., 21 Outer space. Bloomfield, L. P., 176 Outline of Piaget's developmental psychology for students and teachers. Beard, R. M., 103

Owl and the prairie dog. Freschet, B., 252 Page, L. W., 121 Page, T., and L. W. Page. Beyond the Milky Way, 121 Paige, D. D., et al. Elementary mathematics, 215 Pain, H. J. Physics of vibrations and waves, 125 Palmer, G., and N. Lloyd. Archaeology A-Z. 88 Panorama of psychology. Pronko, N. H., 294 Paracelsus, monarch of medicine. Susac, A., 337

world over. Torbert, F. J., 8 Parker, B. M. New golden treasury of natural history, 47 Parsons, W. B. Engineers and engineering in the Renaissance, 67 Particle accelerators. Livingston, M. S.,

Park, C. F., Jr. Affluence in jeopardy, 8

Park rangers and game wardens the

271

Particles and their interactions. Powles, J. G., 25 Passport to Magonia. Vallee, J., 343

Pasto, D. J., and C. R. Johnson. Organic structure determination, 132 Pattern of vertebrate evolution. Halstead,

L. B., 326 Patterns for the teaching of science. Massey, N. B., 209

Patton, A. R., 128 Payne, J. N., et al. Algebra one, 19; Algebra two, 221

Payzant, C., 37 Peanut. Selsam, M., 328

Pease, E. M. J., and G. P. Wadsworth. Calculus with analytic geometry, 117

Pedersen, J. J., 116 Penguins. Stonehouse, B., 58 Penguins are coming! Penney, R. L., 333 Penney, R. L. Penguins are coming!, 333 People and plans. Gans, H. J., 82 Performing plants. Budlong, W. T., 148 Person in the womb. Berrill, N. J., 65 Personal space. Sommer, R., 101 Perspectives in ecological theory. Margalef, R., 45 Perucci, R., and J. E. Gerstl. Engineers and the social system, 270 Peterson, O. L., 62 Petrie, S. Lazy lady's easy diet, 264 Petrochemicals. Wendland, R. T., 349 Petrow, R. In the wake of Torrey Canvon. 37 Pettofrezzo, A. J. Elements of number theory, 305 Phelan, M. K. Probing the unknown, 262 Phillips, E. D. Mongols, 104 Phillips, J. G., 307 Photosynthesis. Asimov, I., 149 Photosynthesis. Fogg, G. E., 49 Physical foundations of general relativity. Sciama, D. W., 124 Physical geography. Strahler, A. N., 183 Physical geology. Longwell, C. R., et al., 134

Physics. Marantz, S. A., 124 Physics. Gamow, G., and J. M. Cleveland, 226

Physics. Blanpies, W. A., 310 Physics of vibrations and waves. Pain, H. J., 125 Physics through experiment. Bamberger,

R., 311 Piaget's theory of intellectual development. Ginsburg, H., and S. Opper, 197

Pictorial astronomy. Alter, D., et al., 307 Piggott, S. Druids, 283 Pill. Kistner, R. W., 267 Pine, T. S., and J. Levine. Trees and how

we use them, 347 Pioneer in blood plasma. Lichello, R., 63 Pirie, N. W. Food resources conventional and novel, 277

Place in the woods. Hoover, H., 246 Plague killers. Williams, G., 65 Planets. Lauber, P., 224 Plant hunters. Johnson, E. M., 327

Plant structure and development. O'Brien, T. P., and M. E. McCully, 149 Plants and animals in the air. DeWaard, E. J., 44

Plants are like that. Stone, A. H., and I. Leskowitz, 50 Plants and man. Edlin, H. L., 346

Plants to grow indoors. Sullivan, G., 250 Platt, D. L., and G. R. Platt. Comparative vertebrate histology, 245 Platt, G. R., 245

Pleistocene extinctions. Martin, P. S., and H. E. Wright, Jr., 40

Pleistocene geology and biology. West, R. G., 41 Pleistocene mammals of Europe. Kurtén,

B., 139

Pocket encyclopaedia of plant galls in colour. Darlington, A., 49 Podraza, C. N. A., et al. Mathematics,

215

Polunin, O. Flowers of Europe, a field

guide, 250 Polyolefin plastics. Kresser, T. O. J., 279 Pomerantz, C. Why you look like you,

whereas I tend to look like me, 147 Pond, A. W. Caverns of the world, 135 Poole, L., and G. Men who pioneered inventions, 260

Popkin, R. Desalination, 75

Population evolution and birth control. Hardin, G., 166

Population genetics and evolution. Mettler, L. E., and T. G. Gregg, 247 Porter, A. Cybernetics simplified, 112 Porteus, S. D. Psychologist of sorts, 7 Posell, E. Z. Beginning knowledge book of seashells, 329

Posin, D. Q. Exploring and understand-

ing our solar system, 23 Potters. Fisher, L. E., 349

Powell, J. W. Down the Colorado, 282 Powles, J. G. Particles and their interactions, 25

Practical anthropology. Oliver, G., 243 Practical guide to psychotherapy. Wiener, D. N., 169

Prairie world. Costello, D., 143

Prall, H. C., 215

Praying mantis. Earle, O. L., 55 Pre-calculus mathematics. Shanks, M. E.,

et al., 16 Pregnant teenager. Osofsky, H. J., 202

Prehoda, R. W. Suspended animation, 340

Price, J., 123, 130

Principles of animal behavior. Tavolga, W. N., 202

brook, D. J., 239 Principles of Easter-

Principles of geomorphology. bury, W. D., 239 Thorn-

Principles of holography. Smith, H. M.,

Principles of microbiology. Smith, A. L., 249

Principles of physical, organic, and biological chemistry. Holum, J. R., 141 Principles of systematic zoology. Mayr,

E., 151 Pringle, L. Only earth we have, 203

Probability theory. Kyburg, H. E., Jr.,

Probing the unknown. Phelan, M. K., 262 Problems of psychology. Dallett, K., 98 Procession of life. Romer, A. S., 248

Profitable soil management. Knuti, L. L., et al., 277

Programmed principles of statics. Nevill, G. E., Jr., 229

Programming the IBM 1130. Hughes, J. K., 216

Prometheus Project. Feinberg, G., 11 Pronko, N. H. Panorama of psychology, 294

PSNS Project Staff. Approach to physical science, 108 Pruitt, E. L., 351

Psychiatry and the community in nineteenth-century America. Caplan, R. B., 294

Psy'-cho-a-nal'-y-sis. L. J. Friedman, 4 Psychological approach to abnormal behavior. Ullmann, L. P., and L. Krasner, 100

Psychological world of the teen-ager. Offer, D., 198

Psychologist of sorts. Porteus, S. D., 7 Psychology and behavior of animals in zoos and circuses. Hediger, H., 100 Psychology for the classroom. Strom, R.

D., 103 Psychology. Engle, T. L., and L. Snellgrove, 5

Psychology of adolescence. Horrocks, J. E., 100

Psychopharmacology of the normal human. Evans, W. O., and N. S. Kline,

Pullman, J. M. History of the abacus, 217 Puttering with paper. Stone, A. H., and B. M. Siegel, 27 Pyke, S. W., 196

Quagliano, J. V., and L. M. Vallarino. Chemistry, 129; Coordination chemistry, 231

Quantitative problems in the biochemical sciences. Montgomery, R., and C. A. Swenson, 142

Quaternary landscapes in Iowa. Ruhe, R. V., 35

R & D Game. Allison, D., 260

Rabi, I. I., et al. Oppenheimer, 227 Rachman, S., et al. Aversion therapy and behavior disorders, 295

Radford, R. L. Inventors in industry, 336 Radiation biology. Casarett, A. P., 44

Radiation injury. Compton, A. C., 268 Rainville, E. D., and P. E. Bedient. Elementary differential equations, Short course in differential equations,

Ramps. Kohn, B., 125

Ranches and ranch life in America. Vanderbilt, C., Jr., 76

Ray, E. R. What does an airline crew do?, 71

Razzell, A. G., and K. G. O. Watts. Circles and curves, 111; Three and the shape of three, 111 Reading the woods. Brown, V., 324

Readings in general psychology. Bartz, W. H., 2

Readings in the earth sciences, 133 Reagan, M. D. Science and the federal patron, 109

Real-time computers. Uttal, W. R., 18 Realm of the submarine. Cohen, P., 341

Recognizing flowering wild plants. Grimm, W. C., 49 Reichardt, J. Cybernetic serendipity, 113 Reid, R. W. Tongues of conscience, 296

Relativity. Skinner, R., 311 Relativity theory. Williams, L. P., 14 Reproductive physiology of vertebrates.

van Tienhoven, A., 52 Reptiles as pets. Villiard, P., 158 Research and experiment in stuttering. Beech, H. R., and F. Fransella, 67 Research society. Glatt, E., and M. W.

Shelly, 259 Respiratory system. Silverstein, A., and

V. B., 338 Rettinger, M. Acoustics, 270 Reuter, W. L., 68

Revolution in optics. Tolansky, S., 29 Richardson, R. G. Surgery, 67

Ricciuti, E. R. Catch a whale by the tail,

Riddle of the stegosaurus. Ipsen, D. C.,

Riddle of the universe. Smart, W. M., 23 Ridgway, D. W., 317 Rink, P. To steer by the stars, 308

Rink, P. To steer by the stars, 308 Ridley, A. Illustrated history of transportation, 342

Ripley, D. Sacred grove, 292 Ripley, J. A., et al. Elements and struc-

ture of the physical science, 312 Ripper, C. L. Mosquitos, 56 Rise and fall of T. D. Lysenko. Medve-

dev, Z. A., 326 River of time. Johnson, T., 25

Rivers. Goetz, D., 238 Road to ruin. Mowbray, A. Q., 174 Robinson, A., and R. D. Sale. Elements of cartography, 225

Robinson, D. B. Experience, affect and behavior, 199

Robinson, E., 348 Robinson, J. T. Nature of science and science teaching, 9

Robinson, P. F., 76

Roboz, J. Introduction to mass spectrometry, 33

Rock and mineral analysis. Maxwell, J.

Roe deer: Sucksdorff, A. B., 61

Rogers, D. Issues in adolescent psychology, 199

Rohner, R. P. Ethnography of Franz Boas, 298

Rohrbough, J. D., 136 Romance of water. Wendt, H., 320

Romer, A. Procession of life, 248 Romey, W. D. Inquiry techniques for teaching science, 108

Ronan, C. A. Astronomers royal, 121; Edmond Halley, 210

Rosebury, T. Life on man, 248 Rosen, E. To be a bee, 253

Rosen, E. To be a bee, 253 Rosen, S. Wizard of the dome: R. Buckminster Fuller, 349

Rosenberg, N., and R. K. Snyderman. New parts for people, 169

Rosenfeld, S. Ask me a question about the atom, 314; Science experiments with air, 26

Rosier, B., 204 Roslansky, J. D. Human mind, 292 Ross, F., Jr. Model satellites and space-

craft, 178

Rosseau, V., 234 Roueche, B. What's left, 204

Roueche, N. W. Business mathematics, 219

Routh, J. I., et al. Essentials of general, organic and biochemistry, 317 Royal D. Story of J. Robert Oppen-

heimer, 228 Rue, L. L., III. World of the red fox, 161 Ruhe, R. V. Quaternary landscapes in Iowa, 35

Runyon, R. P., 223 Russell, H. R. City critters, 153 Russell, R. J., et al. Culture worlds, 351 Russell, W. M. S. Man, nature and his-tory, 354

Russell-Hunter, W. D. Biology of higher invertebrates, 253

Rycroft, C. A. Critical dictionary of psychoanalysis, 4

Sackheim, G. I., and R. M. Schultz. Chemistry for the health sciences, 130 Sacred grove. Ripley, D., 292

Sale, R. D., 225 Salt, sugar, and spice. Buehr, W., 81

Saltz, D., 19

Sanchez, D. A. Ordinary differential equations and stability theory, 21

Sanders, J. E., 134 Sanger, M. B. Checkerback's journey, 255 Saturn V: the moon rocket. Holder, W.

G., 177 Saunders, D. R., and R. R. Harkins. UFO's Yes!, 343

Sax, N. I. Dangerous properties of industrial materials, 80

Scene of change. Weaver, W., 211 Schaff, W. L. Basic concepts of elementary mathematics, 304
Schaller, G. B., and M. E. Selsam. The

tiger, 161

Scheffer, V. B. The year of the whale, 162

Scher, S., 77

Schere, M. The story of maps, 353 Scherago, E. J., and B. J. Sheffer. Guide

to scientific instruments, 260 Schima, M. Something that grows, 244 Schlenker, B. R. Introduction to materials science, 336

Schmidt, F. C., 129

School mathematics geometry. Anderson, R. D., et al., 20 Schoonmaker, W. J. The world of the

grizzly bear, 60

Schottelius, B. A., 263 Schuberth, C. J. The geology of New York City and environs, 134

Schultz, A. H. Life of primates, 335 Schultz, R. M., 130 Schulz, D. A. Coming up Black, 102 Schumaker, J. A., 307

Sciama, D. W. The physical foundations of general relativity, 124

Sciarra, J. J., 264 Science and technology in developing countries, Nader, C., and A. B. Zahlan, 259

Science and technology in the industrial revolution, 348

Science and the concept of race. Mead, M., et al., 41

Science and the federal patron. Reagan, M. D., 109

Science and the world around us. Chandler, M. H., 10

Science, conflict, and society. Scientific American, 299

Science experiments with air. Rosenfeld, S., 26

Science game. Agnew, N. McK., and S. W. Pyke, 196 Science news yearbook 1960/70. Science

service, 206 Freeman, I. M., Science of chemistry.

and A. R. Patton, 128 Science of genetics. Burns, G. W., 145

Science of living. Adler, A., 196 Science of wine. Austin, C., 181

Science service. Science news yearbook 1960/70, 206

Science ship. Briggs, P., 36

Science year 1969: World Book science annual. Tresler, A. G., 206

Scientific American. Lasers and light, 226; Mathematics in the modern world, 15; Molecular basis of life, 44; Science, conflict and society, 299; Vertebrate adaptations, 148

Scientific American resource library, 299 Scientific basis of astrology. Gauquelin, M., 2

Scientific thought, Easley, J. A., Jr., and M. M. Tatsouka, 27

Scrimshaw, N. S., and J. E. Gordon. Malnutrition, learning, and behavior, 66

Sea and air: the naval environment. Williams, J., et al., 136

Sea horse: a fish in armor. Stephens, W. M., and P. Stephens, 157

Sea searchers. Shannon, T., and C. Payzant, 37 Sears, F. W., and R. W. Brehme. Intro-

duction to the theory of relativity, 27 Sears, P. B. Lands beyond the forest, 144 Seaweeds of Cape Cod and the islands. Kingsbury, J. M., 249 Search for Sybaris. Bullitt, O. H., 353

Search for understanding. Haskins, C. P.,

Second greatest invention. Clymer, E., 184

Secret of culture: nine community studies. Thompson, L., 205 Secret world of the baby. Day, B., and

M. Lilev. 64 Secrets of plant life. Sire, M., 250

Segal, E. M., 207 Segal, J., 268 Selsam, M. E., 161 Selsam, M. E. All kinds of babies, 51; Hidden animals, 323; Peanut, 328 Serling, R. J. Loud and clear, 71 Sets, logic and numbers. Dodge, C. W.,

119 Settlement archaeology. Chang, K., 86 Shanks, M. E., et al. Pre-calculus mathe-

matics, 16 Shannon, T., and C. Payzant. The sea searchers, 37

Shape of intelligence. Elliott, H. C., 247 Shape of living things. DeWaard, E. J. 45 Shapely, H. Through rugged ways to the stars, 122, 225

Shark cage under the Red Sea. Falcon-Barker, T., 240

Sharpe, M. R. Living in space, 275 Shay, A. How a family grows, 64

Sheffer, B. J., 260 Shelly, M. W., 259

Shepard, P., and D. McKinley. The subversive science, 101

Shepherd, E. Jellyfishes, 155

Shere, et al. Applied mathematics for engineering and science, 17

Sherlock Holmes of Medicine: Dr. Joseph Goldberger. Buchman, D. D., 337

Shields, P. C. Elementary linear algebra, 20

Shimke, W. Math concept series: (12) Patterns: what are they?, 214

Short course in calculus. Ceder, J. G., and D. L. Outcalt, 21

Short course in differential equations. Rainville, E. D., and P. E. Bedient,

Shostrom, E., 3

Shriver, D. F. The manipulation or airsensitive compounds, 232 Shure, N., 269

Shuttlesworth, D. E. Clean Air-Sparkling water: the fight against pollution,

Shuttlesworth, D. Natural partnerships, 144

Siegel, B. M., 27, 33, 209 Silent sentinels. Kraske, R., 279

Silver-bearing copper. Finlay, W. L., 80 Silverberg, R. Bruce of the Blue Nile, 351; The challenge of climate, 242; Vanishing giants, 150; Wonders of ancient Chinese science, 211 Silverman, R. A. Modern calculus and

analytic geometry, 118 Silverstein, A., et al. C. Linnaeus, 301 Silverstein, A., and V. Silverstein. Frederick Sanger, 235; Respiratory system, 338; A star in the sea, 155; A world in a drop of water, 48 Silverstein, V., 48, 155, 235, 301, 338

Simon, H. Feathers: plain and fancy, 159

Simon, N., 180 Simon, S. Discovering what earthworms do, 155; Discovering what frogs do, Let's-try-it-out-wet and dry, 312; Soap bubbles, 124 Simpson, G. G. Biology and man, 107

Simpson, G. G., and W. S. Beck. Life: An introduction to biology, 140

Singer, D. L., et al. Sleep on it: a look at sleep and dreams, 294 Sire, M. Secrets of plant life, 250

Six-legged science. Hocking, B., 55

Skelly, J. R., 69, 341 Skinner, R. Relativity, 311

Skoglund, G. C. Colour in your camera, 280 Sleep on it: a look at sleep and dreams.

Singer, D. L., et al., 294 Slote, A. Air in fact and fancy, 38

Small game: animals of the Americas, Colby, C. B., 59

Smart, W. M. The riddle of the universe, 23; Stellar kinematics, 23

Smiley, T. L., 50 Smith, A. The body, 164

Smith, A. L. Microbiology and pathology, 48; Principles of microbiology. 249

Smith, A. U. Trees in a winter landscape, 328 Smith, C. U. M. Molecular biology, 244

Smith, F. V. Attachment of the young, 201

Smith, F. C. The first book of swamps and marshes, 46 Smith, H. G. Hunting big game in the

city parks, 156 Smith, H. M. Principles of holography,

Smith, L. The children's doctor, 270

Smith, P., 228

Smith, R. C., and P. Smith. Mechanics,

Smith, R. N. Chemistry: A quantitative approach, 232 Smith, W. K.

Calculus with analytic

geometry, 118 nithline, F. Answers about dinosaurs Smithline, and prehistoric mammals, 40

Smithline, F. Answers about rocks and minerals, 34

Smoking, health, and behavior. Borgatta, E. F., and R. R. Evans, 266

Smoot, R. C., et al. Chemistry: a modern course, 130

Snakes: the keeper and the kept. Kauffeld, C., 77 Snapp, R. R., 278

Snellgrove, L., 5 Snow, C. P. The state of siege, 203

Snyderman, R. K., 169 Soap bubbles. Simon, S., 124

Social work with groups. Northern, H.,

Something that grows. Schima, M., 244 Sommer, R. Personal space: the behavioral basis of design, 101

Sootin, H. Experiments with electric currents, 30; Experiments with static electricity, 128

Soule, G. Under the sea, 136

Sound and ultrasonics. Freeman, I. M.,

Southern Greece: archaeological guide. Cook, R., and K. Cook, 86 Space. Moore, P., 178

Spacetrack: watchdog of Coombs, C. C., 74 Space travel. Bendick, J., 176

Spencer, D. D. Game playing with computers, 18 Spigel, H., 242 Spinar, L. H. College chemistry, 32

Spotted sphinx. Adamson, J., 333 Stahl, F. W. Mechanics of inheritance,

326 Stambler, I. tronics, 271 The world of microelec-

Stanley, R. C. Light and sound for engineers, 29

star in the sea. Silverstein, A., and V., 155

Stars. Asimov, I., 22 Stars and the universe. Dietz, D., 119 State of siege. Snow, C. P., 203

Statistics: an intuitive approach, 307 Steam cars of the Stanley twins. Jackson. R. B., 273

Stein, S. K. Mathematics: the man-made universe, 215 Steinberg, F. J. Computers, 217

Stellar kinematics. Smart, W. M., 23 Stenuit, R. The dolphin, cousin to man,

Stephens, P., 155, 157 Stephens, W. M., and P. Sea horse: a fish in armor, 157

Stevens, C. The birth of Sunset's kittens, 180

Still, H. Man: the next 30 years, 62 Still more tell me why. Leokum, A., 11 Stillman, I. M. The doctor's quick, inches-off diet, 265

Stoddard, C. H. Essentials of forestry

practice, 75 Stokes, M. A., and T. L. Smiley. An introduction to tree-ring dating, 50 Stokes, T. Birds of the Atlantic Ocean,

160

Stone, A. H., 227, 235 Stone, A. H., and B. M. Siegel. The chemistry of soap, 33

Stone, A. H., and D. Inghamson. Crystals from the sea: a look at salt, 131

Stone, A. H., and I. Leskowits. Microbes are something else, 327; Plants are like

Stone, A. H., and B. M. Siegel. Have a ball, 209; Puttering with paper, 27 Stone, A. H., and H. Spigel. The winds

of the weather, 242

Stonehouse, B. Penguins, 58 Storer, T. I., et al. Elements of zoology,

Story of a baby. Ets, M. H., 165

Story of American railroads. Burt, O. W., 341

Story of America's horses. Taylor, L., 257

Story of an Alaskan grizzly bear. Milotte, A., and E. Milotte, 160

Story of gravity. Beiser, G., 29 Story of horses. Johnson, P., 59

Story of J. Robert Oppenheimer. Royal, D., 228

Story of Jodrell Bank. Lovell, Sir B., 24 Story of life. Udall, D. H., 252

Story of maps. Schere, M., 353 Story of Masada. Yadin, Y., 186

Story of quantum mechanics. Guillemin, V., 28

Story of radioactivity. Mawson, C. A., 315

Story of volcanoes and earthquakes. Matthews, W. H., III, 319

Stoutenburg, A. Animals Stracey, P. D. Tigers, 61 Animals at bay, 78

Strahler, A. N. Physical geography, 183 Strategies of American water management. White, G. F., 273

Straughan, R. P. L. Exploring the reef, 54

Strauss, R. C., 220

Strom, R. D. Psychology for the classroom, 103

Stuart, F. FORTRAN Programming, 218 Studies of Appalachian geology. Zen, E., et al., 36

Subversive science. Shepard, P., and D. McKinley, 101

Sucksdorff, A. B. The roe deer, 61

Sullivan, G. More how do they make it, 348; The new world of communications, 173; The new world of construction engineering, 70; Plants to grow indoors, 250

Sun and its influence. Ellison, M. A., 22

Sunko, T. S., 213

Superior mathematical puzzles. Dinesman, H. P., 16

Surgery. Richardson, R. G., 67 Survey of mathematics. Groza, V. S., 110 Survival and the bomb: methods of civil defense. Wigner, E. P., 296 Susac, A. Paracelsus, monarch of medi-

cine, 337

Suspended animation. Prehoda, R. W., 340

Swanson, C. P. The cell, 145 Swenson, C. A., 142

Swift years: Robert Oppenheimer story. Michelmore, P., 313

Take this hammer. Epstein, S., and B. Epstein, 123

Talbot, R. J. E., 317

Tarján, E., 111

Tarquinia: and Etruscan origins. Hencken, H., 87

Tatsouka, M. M., 27 Tavolga, W. N. Principles of animal be-

havior, 202 Taylor, A. E., and C. J. A. Halberg, Jr.

Calculus, with analytic geometry, 222 Taylor, L. The story of America's horses, 257

Taylor, W. T., and R. J. Weber. General biology, 43

Teal, J., and M. Life and death of the

salt marsh, 323 Teale, E. W. The American seasons, 145 Teasdale, J., 295

Technological man. Ferkiss, V. C., 261 Teen-age drinking. Bacon, M., and M. B. Jones, 5

Telescope makers. Land, B., 121 Telfer, D. Exploring the world of

oceanography, 38 Terres, J. K. From Laurel Hill to Siler's

Bog, 325 Textbook of cytology. Brown, W. V., and

E. M. Bertke, 144 Textbook of general chemistry. Jones, W. N., Jr., 234

Textbook of histology. Windle, W. F.,

Textbook of microbiology. Burrows, W.,

Textbook of physiology. Tuttle, W. W., and B. A. Schottelius, 263 Tharp, E. Giants of space, 178

Thatcher, F. S., and D. S. Clark. Microorganisms in foods, 48

Theories on the nature of life. Blandino, G., 301

Theory in anthropology. Manners, R. A., and D. Kaplan, 10

Therapeutic psychology. Brammer, L. M., and E. L. Shostrom, 3

Third listener: personal electronic espionage. Carroll, J. M., 171 Thomas Edison. Hiebert, R., 301

Thomas, J. B. Introduction to human embryology, 264

Thomas, L., Jr., 71 Thomas, L., and L. Thomas, Jr. Famous First flights that changed history, 71 Thompson, L. The secret of culture, 205 Thomson, C. L. Colour films, 280

Thornbury, W. D. Principles of geomorphology, 239Thorndike, R. L., and E. Hagen. Meas-

urement and evaluation of psychology and education, 200

Thorne, J. The underwater world, 241 Three and the shape of three. Razzell, A. G., and K. G. O. Watts, 111

Three billion years of life. De Cayeux, A., 105

3.1416 and all that. Davis, P. J., et al.,

Through rugged ways to the stars. Shapley, H., 122

Tiger. Schaller, G. B., and M. E. Selsam, 161

Tigers. Stracey, P. D., 61

Tipler, Paul A. Foundations of modern physics, 124

To be a bee. Rosen, E., 253

To steer by the stars; the story of Nathanial Bowditch. Rink, P., 308 Tobacco and your health. Diehl, H. S., 167

Tobach, E., 41

Tolansky, S. Revolution in optics, 29 Tongues of conscience. Reid, R. W., 296 Too many: the earth's biological limitations. Borgstrom, G., 276

Torbert, Floyd J. Park rangers and game wardens, 8

Towards a better use of the oceans. Burke, W. T., 320

Traditional medicine in modern China. Croizier, R. C., 163

Training of good physicians. Lyden, F. J., et al., 62

Travell, J. Office hours, 63

Treasury of classroom arithmetic activities. Crescimbeni, J., 110

Trebilcock, R. J., 171 Trees and forests. Jepsen, S. M., 347

Trees and how we use them. Pine, T. S., and J. Levine, 347 Trees in a winter landscape. Smith, A.

U., 328

Tressler, A. G. Science year 1969, 206 Trewartha, G. T. Geography of population, 352

Tropper, A. M. An introduction to linear algebra, 221

Troubled waters. Mannix, D., 346

Tufty, B. 1001 questions answered about natural land disasters, 36

Twentieth century discovery. Asimov, I.,

21st century. Warshofsky, F., 12

Twins who found each other. Lindeman, B., 197

Two-dimensional calculus. Osserman, R., 222

Two-stroke power units. Irving, P. E., 271 Tuttle, W. W., and B. A. Schottelius. Textbook of physiology, 263

UFO's Yes! Saunders, D. R., and R. R. Harkins, 343

Ubell, E. The world of candle and color, 313

Udall, D. H. The story of life, 252 Ullmann, L. P., and L. Krasner. A psy-

chological approach to abnormal behavior, 100

Ullyett, K. It's made like this: paper, 182 Uman, M. A. Lightning, 39

Under the sea. Soule, G., 136

Undersea world of tomorrow. Kovalik, V., and N. Kovalik, 240

Understanding and troubleshooting solid state electronic equipment. Berens, S., and J. Berens, 271

Underwater world. Thorne, J., 241 Unexpected universe. Eisley, I., 295

Universal natural history and theory of the heavens. Kant, I., 310 University of Chicago. A manual of

style, 79 Urban geography. Johnson, J. H., 83

Uses of the seas. Gullion, E. A., 37 Usinger, R. L., 51 Uttal, W. R. Real-time computers, 18

Vaccination and you. Cohen, D., 337 Valens, E. G. The attractive universe, 125; Cybernaut: a space poem, 281

Vallarino, L. M., 129, 231 Vallee, J. Passport to Magonia, 343 Vanderbilt, C., Jr. Ranches and ranch life in America, 76

Van der Merwe, N. J. Carbon-14 dating of iron, 354

Van Gelder, R. G. Biology of mammals, 258

Vanishing giants. Silverberg, R., 150 Vanishing wild animals of the world. Fitter, R., 59

Van Orden, H. O., and G. L. Lee. Elementary organic chemistry, 132

Van Orden, M. D. The book of United States Navy ships, 297

Van Thoor, T. J. W. Chemical technology: an encyclopedic treatment, 79 Van Tienhoven, A. Reproductive physiology of vertebrates, 52

Van Wormer, J. World of the American elk, 333; World of the pronghorn, 161 Variable stars. Glasby, J. S., 224

Varieties of man. Babun, E., 139 Vayda, A. P. Environment and cultural behavior, 206

Venn, M. E., 57

Venomous reptiles. Minton, S. A., and M. R. Minton, 254

Verhoek, F. H., 31

Vertebrate adaptations. Scientific American, Readings from, 148

Vesey-Fitzgerald, B. World of ants, bees, and wasps, 330 Vessel, M. F., 144, 157

Villiard, P. Reptiles as pets, 158

Vincent, J., 180

Visitors from afar: the comets. Ley, W., 122 Vistas in research. Brookhaven National

Laboratory, 30

Vital process: photosynthesis. Baker, J. J. W., 251 Volker, R. P., 140 Von Braun, W., and F. I. Ordway, III. History of rocketry and space travel, 345

Wadsworth, G. P., 117 Wagenblast, J. M., 215

Wagner, R. American combat planes, 72 Wahlert, H. E., 15

Wakefield, G. L. An introduction to pho-

tography, 280 Walker, B. S. Introduction to computer 18 engineering, 18 Walton, H. The how and why of me-

chanical movements, 68

Walton, K. Arid zones, 352

War planes of the first world war. Bruce, J. M., 70

Warshofsky, F. The 21st century: the new age of exploration, 12

Water, health and society. White, G. F., 346 Waters, J. F. Marine animal collectors,

329 Watson, J. D. The double helix, 47

Watts, A. Instant weather forecasting, 38 Watts, K. G. O., 111 Waugh, A., and editors of *Time-Life*.

Wines and spirits, 182 Weast, R. C. CRC handbook of chem-

istry and physics, 233 Weather and health. Landsberg, H. E.,

Weather business. Atkinson, B. W., 241 Weather modification. Fleagle, R. G.,

Weaver, W. Scene of change, 211

Weber, R. J., 43

Weeks, A. W., et al. Modern advanced mathematics, 304

Weeks, T. C. High-energy astrophysics, 309

Weinberg, G. E. Statistics, 307 Weiss, H. Motors and engines and how

they work, 68 Weiss, M. E. Man explores the sea, 321 Wells, R. What does a test pilot do?, 343 Wendland, R. T. Petrochemicals, 349

Wendt, H. Romance of water, 320 Weslager, C. A. Delaware's buried past, 185

West Africa: a study of the environment and of man's use of it. Church, R. J. H., 84

West, R. G. Pleistocene geology and biology, 41

Western, D. W., 16

Western psychology from the Greeks to William James. Murphy, G., and L. B. Murphy, 198 eygoldt, P.

Weygoldt, Biology of pseudoscorpions, 330 Whale. Matthews, L. H., 60

What car is that? Lent, H. B., 175

What do you want to know? Howard, C., 13

What does an airline crew do? Ray, E. R., 71 What does a test pilot do? Wells, R., 343

What it feels like to be a building. Wilson, F., 350

What makes a bird a bird? Garelick, M., 332

What makes a clock tick? Johnson, C.,

What you can do about cancer. Maroon, J. C., 266

What's left. Roueche, B., 204

Wheeler, B. E. J. Introduction to plant diseases, 328

Wheeler, J. A., 15 Wheeler, B. W., 212

When insects are babies. Conklin, G., 156 When monsters roamed the skies. Hood, J. F., 71

When nature runs wild. Johnson, T. P., 35

Where are you? All about maps. Frazee,

Where they go in winter. Buck, M. W., 52 Whipple, F. L. Earth, moon, and planets, 24

White, F. A. Mass spectrometry in science and technology, 31

White, G. F. Strategies of American water management, 273; Water, health and society, 346

White, L. B. Investigating science with rubber bands, 312

White, W. S., 36

Whitehead, R. The first book of eagles,

Whitney, D. C. The easy book of multiplication, 218

Whitten, R. C., 312

Why can't I? Bendick, J., 132 Why does it rain? Harvey, F., 321 Why the earth quakes. May, J., 239

Why you look like you, whereas I tend to look like me. Pomerantz, C., 147 Whyte, R. O. Grasslands of the mon-

soon, 76

Wild peninsula: the story of Point Reyes national seashore. Baker, L. N., 7 Wiener, D. N. A practical guide to psy-

chotherapy, 169 Wiesenthal, E., and T. Wiesenthal. Let's

find out about tools, 272

Wiesenthal, T., 272 Wigner, E. P. Survival and the bomb, 296

Wilcox, M. S. Geometry, 115

Wilcutt, R. E., 215

Wild goose, brother goose. Ellis, M., 255 Wild refuge. Laycock, G., 181

Wild sanctuaries. Murphy, R., 78 Wildlife in danger. Fisher, J. N. Simon,

and J. Vincent, 180 Willerding, M. F. Arithmetic, 113 Williams, A. L., H. D. Embree, and H. J. DeBey. Introduction to chemistry, 130 Williams, G. The plague killers, 65

Williams, J., et al. Sea & air; the naval

environment, 136 Williams, L. P. Relativity theory, 14 Williams, L. Man and monkey, 163

Williams, T. I. A biographical directory of scientists, 106 Wilson, F. What it feels like to be a building, 350

Wilsson, L. My beaver colony, 61 Windle, W. F. Textbook of histology, 154 Window into an egg. Flanagan, G. L., 152 Winds of the weather. Stone, A. H., and H. Spigel, 242

Wines and spirits. Waugh, A., and the

editors of *Time-Life*, 182 Wings, sun, and stars. Kaufman, J., 57 Wizard of the dome: R. Buckminster Fuller. Rosen, S., 349

Wohlrabe, R. A. Exploring giant molecules, 232; High desert and canyon country, 352

Woman doctor. Beshiri, P. H., 261

Women gain a place in medicine. Lutzker, E., 262

Wonderful world of archaeology. Jessup, R., 88

World of candle and color. Ubell, E., 313 Wonderful world of communication. Hogben, L., 292 Wonderful world of energy. Hogben, L.,

Wonderful world of life. Huxley, J., 247

Wonderful world of mathematics. Hogben, L., 18

Wonderful world of medicine. Calder, R., 262

Wonders of ancient Chinese science. Silverberg, R., 211

Wonders of life on earth. Life, the editors of, and L. Barnett, 42

Wonders of the bat world. Lavine, S. A., 258

Wong, H., and M. F. Vessel. My gold-fish, 157; My ladybug, 157; Our ter-rariums, 144; Our tree, 144 Wonnacott, R. J., 223

Wonnacott, T. H., and R. J. Wonnacott. Introductory statistics, 223

Woodcock, G. Henry Walter Bates: Naturalist of the Amazon, 330

Woods, L. P. Fishes, 254

World food problem. Cochrane, W. W.,

World full of animals. Hunt, J., 51 World in a drop of water. Silverstein, A.,

and V. Silverstein, 48 World of ants, bees and wasps. Vesey-

Fitzgerald, B., 330 World of dragonflies and damselflies.

Hutchins, R. E., 156 World of living things. Meeks, E. K., and E. Babwell, 165

World of microelectronics. Stambler, I., 271

World of the American elk. Van Wor-mer, J., 333

World of the grizzly bear. Schoonmaker, W. J., 60 World of the pronghorn. Van Wormer,

J., 161 World of the red fox. Rue, L. L., III,

World prehistory. Clark, G., 355

Worlds around the sun. Edson, L., 120 Wright, D. L., 217 Wright, D. Look at a colt, 179

Wright, D. Look at a Wright, H. E., Jr., 40

Wright, L. Clockwork man, 225

Wright, R. L., Jr., 173 Wukelic, G. E. Handbook of Soviet

space-science research, 74 Wykes, A. Air Atlantic, 72

X-rays and gamma rays. Halacy, D. S.,

Yadin, Y. The story of Masada, 186 Year of the whale. Scheffer, V. B., 162 Yiwara: foragers of the Australian desert. Gould, R. A., 297

Young people and drugs. Cain, A. H.,

Young, R. G. Britannica yearbook of science and the future, 1969 ed., 105; 1970 ed., 300

Young, W. A., and G. D. Miklowitz. The zoo was my world, 150

Young scientist and the director. Barr,

G., 336 Your future in computer programming. Davis, S., 17

Your future in NASA. Levine, S., 178 Your heart and how to live with it. Lamb,

L. E., 269 Yvas, M. The biological code, 246

Zaffo, G. J. The giant book of things in space, 275Zahlan, A. B., 259

Zamboni, F. F., 19, 221

Zen, E., et al. Studies of Appalachian geology, 36 Zeppelins. Hoyt, E. P., 175

Ziegler, P. The black death, 168

Zim, H., and J. R. Skelly. Hoists, cranes and derricks, 341; Machine tools, 69

Zoo and my world. Young, W. A., and G. D. Miklowitz, 150

Zoology of tropical Africa. Cloudsley-Thompson, J. L., 153

Zwicky, F. Discovery, invention, research, 107

